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SUBJECT CLASSIFICATION

The present list, as distinct from the alphabetical subject index which follows it, gives the headings in the order under which articles were classified during 1958. The headings in italic letters are identical, except for slight changes, with those appearing in the 1958 monthly issues.

FOUNDATIONS, THEORY OF SETS, LOGIC

1. Philosophy of mathematics and physics
2. Foundations of mathematics, axiomatics
3. Intuitionism
4. Set theory
5. Problem of the continuum
6. Transfinite numbers
7. Relations
8. Syntax, semantics, formal methods in general, recursive functions
9. Logical calculi, many-valued, modal
10. Applications of logic

ALGEBRA

Universal Algebra, Miscellaneous Algebraic Systems

Combinatorial Analysis

Algebra: Elementary

Linear Algebra

1. Forms and transformations
2. Matrices
3. Inequalities for matrices
4. Eigenvalues and eigenvectors
5. Multilinear forms, alternating forms, Grassmann algebra
6. Linear equations, matrix inversion, determinants

Polynomials

1. Algebraic equations, roots
2. Symmetric functions
3. Reducibility

Partial Order, Lattices

1. Lattices
2. Boolean rings and algebras

Fields, Rings

1. Fields
2. Finite fields
3. Galois theory
4. Valuations
5. Rings
6. Ideals

Algebras

1. Associative algebras
2. Non-associative algebras
3. Lie algebras
4. Differential algebra

Groups and Generalizations

1. Group theoretic constructions, free groups, extensions
2. Abelian groups

3. Nilpotent and solvable groups
4. Finite groups
5. Ordered groups
6. Matrix groups, representation, characters
7. Semigroups
8. Other generalizations of groups
9. Applications

Homological Algebra

THEORY OF NUMBERS

Theory of Numbers: General

1. Elementary number theory
2. Magic squares
3. Congruences
4. Diophantine equations
5. Representation problems
6. Divisibility and factorization
7. Power residues and reciprocity laws
8. Forms
9. Fermat's last theorem
10. Number-theoretical functions
11. p -adic numbers

Theory of Numbers: Analytic

1. Analytic theory in number fields and fields of functions
2. Analytic tools (zeta-function, L -functions, Dirichlet series)
3. Distribution of primes
4. Additive number theory, partitions
5. Equidistribution, statistical number theory
6. Irrationality and transcendence

Algebraic Numbers

1. Class fields

Geometry of Numbers, Diophantine Approximations

1. Diophantine approximations
2. Geometry of numbers

ANALYSIS

Functions of Real Variables

1. One real variable
2. Several variables
3. Calculus, mean-value theorems, inequalities
4. Differentiation and tangents
5. Non-differentiable functions; generalized derivatives
6. Representation of functions by integrals
7. Quasi-analytic functions

Measure, Integration

1. Measure theory
2. Measure-preserving transformations, ergodic theorems
3. Riemann integrals
4. Stieltjes and Lebesgue integrals

5. Denjoy, Perron integrals
6. Abstract integration theory, somas
7. Area, length
8. Product integrals
9. Abstract theory of probability

Functions of Complex Variables

1. Foundations
2. Quasi-conformal functions
3. Generalizations
4. Power series
5. Zeros
6. Singularities
7. Analytic continuation, overconvergence
8. Cauchy integral
9. Maximum principles, Schwarz lemma, Phragmén-Lindelöf theorem
10. Conformal mapping, general
11. Conformal mapping, special problems
12. Riemann surfaces and functions on them
13. Entire functions
14. Meromorphic functions
15. Distribution of values, Nevanlinna theory
16. Behavior on the boundary
17. Univalent and p -valent functions
18. Bounded functions, functions with positive real part, etc.
19. Iteration
20. Normal families
21. Expansion in series of polynomials and special functions
22. Continued fractions
23. Complex interpolation and approximation
24. Functions of several complex variables

Harmonic Functions, Convex Functions

1. Harmonic functions, potential theory
2. Subharmonic functions
3. Biharmonic and polyharmonic functions
4. Generalized potentials, capacity
5. Harmonic forms and integrals
6. Convex functions

Special Functions

1. Polynomials as functions, orthogonal polynomials
2. Exponential and trigonometric functions
3. Elliptic functions and integrals, theta functions, complex multiplications
4. Automorphic functions, modular functions
5. Bessel functions
6. Legendre functions, spherical harmonics
7. Lamé, Mathieu functions
8. Hypergeometric functions and generalizations
9. Functions defined by definite integrals, differential and integral equations, infinite series

Sequences, Series, Summability

1. Special sequences and series, moments
2. Power and factorial series
3. Dirichlet series
4. Operations on series and sequences
5. Convergence and summability
6. Tauberian theorems

Approximations and Expansions

1. Interpolation: general theory
2. Approximations and expansions, general theory
3. Orthogonal systems, expansions

4. Closure
5. Degree of approximation, best approximation
6. Asymptotic approximations and expansions

Trigonometric Series and Integrals

1. Trigonometric polynomials, Fourier series
2. Trigonometric interpolation
3. Fourier coefficients, degree of approximation
4. Convergence, summability
5. Absolute convergence
6. Double and multiple series
7. Fourier integrals
8. Almost periodic functions

Integral Transforms

1. Inversion formulas, self-reciprocal functions
2. Laplace and Fourier transforms
3. Other transforms, Hilbert, Mellin, Hankel

Differential Equations: Ordinary

1. Existence and uniqueness
2. Approximation of solutions
3. Asymptotic behavior of solutions
4. Singularities of solutions
5. Linear equations: second order
6. Linear equations: other than second order
7. Systems of linear equations, matrix differential equations
8. Stability of solutions
9. Periodicity, oscillations
10. Boundary value problems, spectra, expansions in eigenfunctions
11. Dynamical systems, topological properties
12. Special types

Differential Equations: Partial

1. Existence uniqueness, stability
2. Total equations, Pfaff's problem
3. Analytic and algebraic theory of systems of equations
4. First order equations
5. Elliptic equations, boundary value problems
6. Hyperbolic equations, Cauchy problem
7. Parabolic equations
8. Mixed equations
9. Classification, characteristics
10. Linear equations of higher order
11. Non-linear equations, special types
12. Eigenvalues, eigenfunctions
13. Approximate methods

Difference Equations, Functional Equations

1. Finite differences and difference equations
2. Generalizations
3. Functional equations

Integral and Integrodifferential Equations

1. Linear integral equations
2. Singular integral equations
3. Integrodifferential equations
4. Non-linear integral equations
5. Special integral equations

Calculus of Variations

1. Theory in the large, topological methods
2. Applications

TOPOLOGICAL ALGEBRAIC STRUCTURES

Topological Lattices

Topological Groups

1. Representations
2. Groups from geometry
3. Semigroups and other generalizations

Lie Groups and Algebras

1. Lie groups
2. Representations
3. Lie algebras, Lie rings

Topological Rings

Topological Vector Spaces, Functional Analysis

1. Function spaces: general
2. Topological vector spaces
3. Ordered vector spaces
4. Banach spaces
5. Hilbert spaces
6. Special function spaces
7. Distributions
8. Linear operators
9. Groups and semi-groups of linear operators
10. Non-linear operators
11. Rings of operators, group algebras, abstract topological algebras and their representations
12. Applications of functional analysis; analysis of differential and integral operators

TOPOLOGY

Topology: General

1. Sets on a line and in Euclidean space
2. Covering theorems
3. Foundations, topological spaces, abstract theory, limits and generalized limits
4. Metric and uniform spaces
5. Topology of point sets, curves, continua
6. Fixed point properties
7. Topological dynamics
8. Applications to analysis

Topology: Algebraic

1. Homology and cohomology
2. Homotopy
3. Fibre bundles
4. Manifolds
5. Fixed point theorems
6. Links, knots
7. Complexes and polyhedra
8. Topology of group spaces and H -spaces
9. Transformations and special mappings
10. Dimension theory
11. Graphs, four color problem

GEOMETRY

Geometries, Euclidean and Other

1. Foundations
2. Elementary geometry
3. Triangles, tetrahedra
4. Circles, spheres, inversive geometry
5. Constructions

6. Finite geometries, configurations, regular figures, divisions of space
7. Vectors, quaternions, tensor algebra
8. Coordinates, analytic methods
9. Conics, quadric surfaces
10. Affine geometry
11. Projective geometry
12. Non-Euclidean geometry
13. n -dimensional and hypercomplex geometries
14. Minkowski geometry
15. Descriptive geometry

Convex Domains, Distance Geometries

1. Convex regions, Brunn-Minkowski theory
2. Extremum properties and geometric inequalities
3. Distance geometries

Differential Geometry

1. Direct methods
2. Classical differential geometry
3. Vector and tensor analysis
4. Kinematic methods and integral geometry
5. Minimal surfaces
6. Families of curves, nets, webs
7. Deformation of surfaces
8. Differential line geometry, Laguerre and other sphere geometries
9. Lineal and higher order elements
10. Differential geometry in the large
11. Projective differential geometry
12. Differential geometry under other groups: affine, inversive, conformal, non-Euclidean

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| Halstead, M. H. | | Fröberg, C.-E. | | Le Lionnais, F. | 1148 |
| Richman, R. L. | | Wahlström, G. | 775 | Culbertson, J. T. | 1200 |
| Covey, W. | | Lunelli, L. | 887 | Basu, B. K. | |
| Merryman, J. D. | 325 | Klika, O. | 887 | Rao, P. V. S. | 1201 |
| Frankel, S. P. | 464 | Cerný, V. | | | |
| | | Oblonský, J. | 887 | | |

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| Wagner, H. M. | 69 | Rabinowitz, P. | 696 | Eisenpress, H. | 897 |
| Birtwistle, B. | | Sauer, R. | 690 | Cochran, W. | |
| Dent, B. M. | 69 | Pichler, O. | 719 | Douglas, A. S. | 909 |
| Oldfield, J. V. | | Rutishauser, H. | 775 | Kogbetliantz, E. G. | 982 |
| McDonald, D. | | Gouarné, R. | 775 | Orchard-Hays, W. | 982 |
| Davis, M. W. | 69 | Kogbetliantz, E. G. | 775 | Yanov, Yu. I. | 985 |
| Peterson, W. W. | 69 | Tocher, K. D. | 775 | Booth, K. H. V. | 985 |
| *McCracken, D. D. | 183 | Hill, G. W. | | Targoff, W. P. | 999 |
| Gaudernau, L. | 325 | Pearce, T. | 775 | Koga, T. | 1005 |
| Amsler, M. H. | 373 | Fröberg, C.-E. | | Worsley, B. H. | 1014 |
| Lloyd, S. P. | 465 | Wahlström, G. | 775 | Forsythe, G. E. | 1079 |
| Vazsonyi, A. | 514 | Shapiro, E. B. | 775 | Friedberg, R. M. | 1085 |
| Galler, B. A. | | Schäfer, H.-W. | 775 | Jeanel, J. | 1085 |
| Dwyer, P. S. | 515 | Schläpfer, J. W. | 775 | Gouarné, R. | 1085 |
| Jacobs, W. | 581 | Goode, H. H. | 819 | Kogbetliantz, E. G. | 1197 |
| Schecher, H. | 583 | Gill, S. | 888 | Bell, D. A. | 1201 |
| Tasman, P. | 584 | Maginnis, F. J. | 584 | Glantz, H. T. | 1201 |
| Lipton, S. | 584 | Wheeler, D. J. | | Gorn, S. | 1201 |
| Harmuth, H. F. | 584 | Güll, S. | | Hamblin, C. L. | 1201 |
| Sternlicht, B. | | Maginnis, F. J. | 584 | Napolitano, L. G. | 1201 |
| | | Trachtenbrot, B. A. | 584 | Brown, A. F. R. | 1246 |
| | | Lester, J. T., Jr. | 584 | | |
| | | Bauer, F. L. | 686 | | |
| | | Luhn, H. P. | 888 | | |

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| Thomson, W. T. | 69 | Kahle, H. A. | 690 | Adler, H. | 776 |
| Lafon, R. | 69 | MacLusky, G. J. | | Doll, H. G. | |
| Messier, H. K. | 183 | R. | 690 | Stout, T. M. | 824 |
| Ting Kuan, Shu-chuang. | 325 | Mazelsky, B. | | Gendreau, R. | 824 |
| Dhen, W. | 325 | Amey, H. B., Jr. | 690 | Valat, J. | 883 |
| Kovácsnay, L. S. | | Obuvain, M. I. | | Gerlach, L. R. | 888 |
| G. | 465 | Éterman, I. I. | 755 | Raymond, F.-H. | 889 |
| Ip, S. K. | 465 | Miroux, J. | 769 | Vlasenko, V. I. | |
| Lazaryan, V. A. | 465 | Dostupov, B. G. | 774 | Zhdanov, G. S. | 909 |
| Eremeev, N. V. | 584 | Kreines, M. A. | | Fisher, M. E. | 984 |
| Elliott, D. A. | 584 | Vainstein, I. A. | | Hatton, D. E. | |
| Howland, W. E. | | Aizenstat, N. D. | 776 | Ward, J. R. | 985 |
| Trabant, E. A. | | Kapica, S. P. | 776 | Cahn, C. R. | 985 |
| Hawkins, G. A. | 690 | | | Kozlov, E. S. | |
| Forbes, G. F. | 690 | | | Nikolaev, N. S. | 1201 |

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| Crabtree, L. F. | | Bohan, N. A. | 183 | Cohn, H. | 944 |
| Woollett, E. R. | 65 | Klein, B. | 339 | Newman, M. | 953 |
| Flodmark, S. | 69 | Haselgrove, J. | 608 | Walden, W. | 1026 |
| Thurston, G. A. | 81 | Cohn, H. | | Panov, D. Yu. | 1028 |
| Lehmer, D. H. | 121 | Gorn, S. | 732 | Ascher, M. | |
| Lehmer, E. | 123 | Leech, J. | 837 | Forsythe, G. E. | 1197 |
| Crew, J. E. | | Hill, R. D. | | Aleskerov, S. A. | 1201 |
| | | Lavatelli, L. S. | 183 | | |

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| Tusov, A. P. | 34 | Tolkachev, A. A. | 722 | Batkov, A. M. | |
| Worthy, W. D. | 68 | Repin, Yu. M. | 745 | Solodovnikov, V. V. | |
| Kadymov, Ya. B. | 107 | Letov, A. M. | 824 | Andreev, N. I. | 1149 |
| Doetsch, G. | 139 | Popov, E. P. | | Savinov, G. V. | |
| Stein, A. H. | 182 | Hlypalo, E. I. | 824 | Citović, P. A. | 1149 |
| Higgins, T. J. | 375 | Fuller, A. T. | 1028 | Meerov, M. V. | 1149 |
| Stout, T. M. | 375 | Ludwig, G. | | Batkov, A. M. | 1149 |
| Drenick, R. | 516 | Rollnik, H. | 1028 | Ludwig, G. | |
| Kalman, R. E. | 517 | Popov, E. P. | 1028 | Rollnik, H. | 1149 |
| Freeman, E. A. | 517 | Krasovskii, N. N. | 1055 | Cosgriff, R. L. | 1149 |
| Oldenburger, R. | 623 | Shannon, C. E. | 1084 | Kavanagh, R. J. | 1150 |
| Broglie, A. P. | 623 | Dostupov, B. G. | | Gopp, Yu. A. | 1246 |
| André, J. | | Poutatchev, V. S. | 1087 | Adams, K. M. | 1246 |
| Seibert, P. | 650 | Ostrowsky, G. M. | 1148 | Brown, W. M. | 1246 |
| Acrivós, A. | 652 | | | Amiantov, I. N. | |
| Troickii, V. A. | 652 | | | Tihonov, V. I. | 1246 |
| Newton, G. C., Jr. | | | | | |
| Gould, L. A. | | | | | |
| Kaiser, I. F. | 722 | | | | |

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| Ostrovskii, G. M. | 107 | Babister, A. W. | 415 | Doll, H. G. | |
| Petrov, V. V. | | Eršov, B. A. | 416 | Stout, T. M. | 824 |
| Ulanov, G. M. | 107 | Skatchkov, B. N. | 416 | Gendreu, R. | 824 |
| André, J. | 142 | Sergeev, V. I. | 590 | Razumichin, B. S. | 856 |
| Seibert, P. | 142 | Poritsky, H. | 623 | Evangelisti, G. | 1028 |
| Skachkoff, B. N. | 235 | Markus, L. | | Vasil'ev, V. G. | 1028 |
| Popovici, C. P. | 235 | Wagner, N. | 624 | Zypkin, J. S. | 1150 |
| Shen, Chi-Neng. | 279 | Klotter, K. | 624 | Raevskii, S. Ya. | 1247 |
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| Chen, W. H. | 235 | Popovici, C. P. | 375 | Svoboda, A. | 824 |
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| Lunts, A. G. | 375 | Vaida, D. | 376 | Klika, O. | 887 |
| Constantinescu, P. | 375 | Moisil, G. C. | 376 | Campeau, J. O. | 1029 |
| Moisil, G. C. | 375 | Golay, M. J. E. | 517 | Moisil, G. C. | 1029 |
| Moisil, G. C. | 375 | Moisil, G. C. | 517 | Pinikov, B. I. | 1029 |
| Moisil, G. C. | 375 | Shestakov, V. I. | 517 | Ulanov, G. M. | 1029 |
| Nedelcu, M. | 375 | Séminaire | | Caldwell, S. H. | 1247 |
| Ioanin, G. | 375 | Dubreil-Pisot, 1955/56. | 522 | Adamenko, A. I. | 1247 |
| | | | | Morosanov, I. S. | 1247 |
| | | | | Kuz'min, L. P. | 1247 |

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| Debrunner, H. | 57 | Tucker, A. W. | 446 | Pucci, C. | 976 |
| *Lyusternik, L. A. | 57 | Heller, I. | 446 | Broch, E. K. | 976 |
| Gale, D. | 57 | Steinhaus, H. | 573 | Danzer, L. | 977 |
| Hadwiger, H. | 57 | Vincensini, P. | 573 | Bieri, H. | 977 |
| Fan, Ky. | | De Santis, R. | 573 | Lenz, H. | 977 |
| Glicksberg, I. | | Goldman, A. J. | 621 | Hadwiger, H. | 977 |
| Hoffman, A. J. | 374 | Radziszewski, K. | | Klee, V. L., Jr. | 1065 |
| Phelps, R. R. | 432 | Lewandowski, Z. | 674 | de Groot, J. | |
| Linis, V. | 446 | Reshetnyak, Yu. G. | 675 | de Vries, H. | 1073 |
| Kelly, P. J. | | Falgas, M. | 737 | Kelly, P. J. | 1073 |
| Straus, E. G. | 446 | Kuiper, N. H. | 762 | Dinghas, A. | 1073 |
| | | | | Hadwiger, H. | 1073 |

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| Rogers, C. A. | | Hadwiger, H. | | Alexandrow, A. | |
| Shephard, G. C. | 1073 | Debrunner, H. | 1192 | D. | 1192 |
| Volland, W. | 1074 | Ohmann, D. | 1192 | Stein, S. K. | 1192 |
| Björck, G. | 1182 | | | | |

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| Wendel, J. G. | 58 | Hadwiger, H. | | Bieri, H. | 977 |
| Besicovitch, A. S. | 58 | Bieri, H. | 675 | Baebler, F. | 977 |
| Rusieshvil, C. I. | 58 | Dubins, L. E. | 676 | Lenz, H. | 977 |
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| Woods, A. C. | 164 | Fejes Tóth, L. | 763 | Shephard, G. C. | 1073 |
| Kosirski, A. | 165 | Helfenstein, H. G. | 763 | Danzer, L. | 1074 |
| Leech, J. | 165 | Grünbaum, H. | 763 | Block, H. D. | 1074 |
| Pleijel, A. | 447 | Steinhaus, H. | 763 | Fejes Tóth, L. | 1074 |
| Rémes, E. J. | 544 | Blundon, W. J. | 877 | Valette, G. | 1075 |
| Tsuji, M. | 573 | Rogers, C. A. | 877 | | |
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| | | Norman, R. Z. | 732 |

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| Parker, R. V. | 151 | M. | 288 | Koval, P. I. | 856 |
| | | Aissen, M. I. | 409 | Ryaben'kil, V. S. | |
| | | | | Filippov, A. F. | 865 |

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| Aczél, J. | | Bellman, R. | 428 | de Rham, G. | 842 |
| Hosazú, M. | 41 | Cameron, R. H. | 428 | Ghermănescu, M. | 866 |
| van der Corput, J. G. | 136 | Lavrent'ev, M. M. | 556 | Aczél, J. | |
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| Fort, M. K., Jr. | 152 | Iyer, V. G. | 642 | Bochner, S. | 943 |
| Ålander, M. | 288 | Mirolyubov, A. A. | 652 | Bajraktarević, M. | 966 |
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| *Stepanov, W. W. | 414 | *Cogan, E. J. | | *Rainville, E. D. | 744 |
| Poincaré, H. | 414 | *Norman, R. Z. | 732 | *Hurewicz, W. | 855 |
| | | *Kneschke, A. | 744 | Bellert, S. | 1051 |
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| Avdeev, N. Ya. | 37 | Opial, Z. | 271 | *Hurewicz, W. | 855 |
| Wintner, A. | 140 | Kato, T. | 279 | Borůvka, O. | 855 |
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| Krasnosel'skii, M. A. | | Sternberg, S. | 397 | Merli, L. | 1051 |
| Krein, S. G. | 140 | Wintner, A. | 397 | | |

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| Klamkin, M. S. | 181 | Kuzmak, G. E. | 651 | Savinov, G. V. | |
| Opial, Z. | 271 | Zadiračka, K. V. | 858 | Citović, P. A. | 1149 |
| Tabueva, V. A. | 278 | Strelkov, S. P. | 960 | Gutowski, R. | 1178 |
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| Ważewski, T. | 650 | Thaler, S. | 1050 | | |

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| Utz, W. R. | 33 | Taam, Choy-Tak. | 417 | Erdélyi, A. | |
| Dobrotin, D. A. | 33 | Johnson, E. S. | | Swanson, C. A. | 850 |
| Loud, W. S. | 36 | Taam, Choy-Tak. | 417 | Miachin, V. F. | 855 |
| Kazarinoff, N. D. | 133 | Tak. | | Wintner, A. | 855 |
| Headin, J. | 140 | Sansone, G.-Conti, R. | 547 | Koval, P. I. | 856 |
| Sibuya, Y. | 141 | Levin, J. J. | 548 | Lykova, O. B. | 857 |
| Richard, U. | 141 | Takahashi, K. | 548 | Belkina, M. G. | 859 |
| Utz, W. R. | 141 | Littlewood, J. E. | 548 | Gil, G. V. | |
| Hahn, W. | 145 | Aslanov, S. K. | 646 | Myshkis, A. D. | 912 |
| Wintner, A. | 271 | Wintner, A. | 650 | Vinograd, R. È. | |
| Ważewski, T. | 272 | Fényes, I. | 651 | D. M. | 958 |
| Thorne, R. C. | 272 | Kuzmak, G. E. | 651 | Olech, C. | 959 |
| Zadiračka, K. V. | 272 | Corduneanu, C. | 652 | Opial, Z. | 1051 |
| Kostomarov, D. P. | 272 | Zlámál, M. | 652 | Wintner, A. | 1051 |
| Basov, V. P. | 273 | Erdélyi, A. | 744 | Strodt, W. | 1177 |
| Fogagnolo-Massaglia, B. | 276 | | | Gutowski, R. | 1178 |

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| Kostomarov, D. P. | 272 | Babister, A. W. | 548 | Grobman, D. M. | 958 |

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| Thorne, R. C. | 28 | Dolaptschew, B. | | Olech, C. | |
| Kazarinoff, N. D. | 133 | Tschobanov, I. | 273 | Opial, Z. | |
| Richard, U. | 141 | Nehari, Zeev. | 415 | Ważewski, T. | 650 |
| Feldmann, L. | 141 | Wintner, A. | 416 | Wintner, A. | 650 |
| Moore, R. A. | 141 | Babister, A. W. | 548 | Voronin, È. S. | 740 |
| Thorne, R. C. | 272 | R.-Salinas | | Erdélyi, A. | 744 |
| Borghi, D. C. | 273 | Palero, B. | 650 | Erdélyi, A. | |
| | | | | Swanson, C. A. | 850 |

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| Magnus, W.-Shenitzer, A. | 856 | Lidskii, V. B. | 959 | Feller, W. | 1052 |
| Kondrat'ev, V. A. | 856 | Opial, Z. | 1051 | Friedman, A. | 1054 |
| Belkina, M. G. | 859 | Wintner, A. | 1051 | Gambill, R. A. | 1178 |
| | | Atkinson, F. V. | 1052 | Simonov, N. I. | 1247 |

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| Gumowski, I. | 139 | Delsarte, J.-Lions, J. L. | 273 | Mirolyubov, A. A. | 652 |
| Heading, J. | 140 | Gumowski, I. | 274 | Mitrinovich, D. | |
| Mikusinski, J. | 141 | Goldman, L. | 384 | Delsarte, J.-Lions, J. L. | 959 |
| Slowikowski, W. | 145 | Wittich, H. | 415 | Atkinson, F. V. | 1052 |
| Straus, A. V. | 155 | Babister, A. W. | 415 | Simonov, N. I. | 1247 |
| Giuliano, L. | 273 | Pailloux, H. | 415 | | |
| Vasilache, S. | 273 | Reid, W. T. | 550 | | |
| Taucer, G. | 273 | | | | |

7. Systems of linear equations, matrix differential equations.

| | | | | | |
|-------------------|-----|-----------------------|-----|----------------------------|------|
| Hellman, O. | 33 | Barbuti, U. | 416 | Bogdanov, Yu. S. | 754 |
| Segre, B. | 33 | Bogdanov, Yu. S. | 416 | Letov, A. M. | 824 |
| Westfold, K. C. | 141 | Vinograd, R. È. | 416 | Lappo-Danilevskii, I. A. | 826 |
| André, J. | 142 | Sansone, G.-Conti, R. | 547 | Koval, P. I. | 856 |
| Seibert, P. | 142 | Tatarkevich, K. | 548 | Demidovič, B. P. | 856 |
| Kostomarov, D. P. | 272 | Takahashi, K. | 548 | Razumichin, B. S. | 856 |
| Brodski, M. S. | 274 | Iakubovich, V. A. | 549 | Yakubovič, V. A. | 856 |
| Röhr, H. | 274 | André, J.-Seibert, P. | 650 | Vinograd, R. È. | 857 |
| Fadle, J. | 274 | Troickij, V. A. | 652 | Bott, R. | 859 |
| Bellman, R. | 274 | Browne, E. T. | 725 | Krasovskiy, N. N. | 860 |
| Diliberto, S. P. | 275 | Tartakovskii, V. A. | 744 | Sahnovi, L. A. | 970 |
| Reid, W. T. | 275 | Wintner, A. | 745 | Karlin, S.-McGregor, J. L. | 989 |
| Rehlicki, Z. I. | 275 | Conti, R. | 745 | Makai, E. | 1051 |
| Gavrilov, N. I. | 275 | Agranovich, Z. S. | | Galkin, V. S. | 1102 |
| Krein, M. G. | 277 | Marchenko, V. A. | 746 | | |
| Unger, H. | 323 | | | | |
| Doetsch, G. | 415 | | | | |
| Barrett, J. H. | 415 | | | | |

8. Stability of solutions.

| | | | | | |
|-------------------------|-----|----------------------------|-----|-------------------------------|------|
| Wintner, A. | 33 | Vinograd, R. È. | 416 | Razumichin, B. S. | 856 |
| Kurcvell, Y. | 33 | Sansone, G.-Conti, R. | 547 | Yakubovič, V. A. | 856 |
| Krasovskii, N. N. | 34 | Babister, A. W. | 548 | Vinograd, R. È. | 857 |
| Zoobov, W. J. | 34 | Levin, J. J. | 548 | Bailey, H. R.-Gambill, R. A. | 857 |
| Frid, I. A. | 34 | Reissig, R. | 548 | Lykova, O. B. | 857 |
| Tusov, A. P. | 34 | Littlewood, J. E. | 548 | Zubov, V. I. | 857 |
| LaSalle, J. P. | 35 | Pliss, V. A. | 549 | Zadiračka, K. V. | 858 |
| Sibuya, Y. | 141 | Iakubovich, V. A. | 549 | Egorov, V. G. | 858 |
| Barbasin, E. A. | 142 | Lipkin, H. J.-Nohel, J. A. | 549 | Saltykow, M. N. | 858 |
| Zadiračka, K. V. | 142 | Wintner, A. | 650 | Littlewood, J. E. | 860 |
| Voznyuk, L. L. | 142 | Acirvos, A. | 652 | Krasovskiy, N. N. | 860 |
| Gillies, A. W. | 142 | Corduneanu, C. | 652 | Visk, M. I.-Lyusternik, L. A. | 861 |
| Ważewski, T. | 272 | Zlámál, M. | 652 | Voznyuk, L. L. | 861 |
| Gumowski, I. | 274 | Kurzweil, J.-Vrkoč, I. | 652 | Lykova, O. B. | 959 |
| Gavrilov, N. I. | 275 | Krasovskii, N. N. | 652 | Gelfand, I. M.-Lidskii, V. B. | 960 |
| Bablat, I. | 275 | Wintner, A. | 745 | Seifert, G. | 960 |
| *Zubov, V. I. | 275 | Conti, R. | 745 | Siegel, C. L. | 1048 |
| Fogagnolo-Massaglia, B. | 276 | Repin, Yu. M. | 745 | Atkinson, F. V. | 1052 |
| Hale, J. K. | 276 | Putnam, C. R. | 745 | Razumichin, B. S. | 1053 |
| Blehman, I. I. | 276 | Colombo, G. | 745 | Kuškov, N. N. | 1053 |
| Moser, J. | 278 | Nemyckij, V. V. | 746 | Krasovskii, N. N. | 1055 |
| Wintner, A. | 416 | Letov, A. M. | 824 | Mikolajski, Z. | 1177 |
| Barbuti, U. | 416 | Wintner, A. | 855 | | |
| Eršov, B. A. | 416 | Demidovič, B. P. | 856 | | |
| Skatchkov, B. N. | 416 | | | | |

9. Periodicity, oscillations.

| | | | | | |
|----------------------------------|-----|-----------------------|-----|-----------------------|-----|
| Urabe, M. | 35 | Saito, T. | 143 | Gillies, A. W. | 417 |
| Hukuhara, M. | 35 | Lyščenko, N. Ya. | 143 | Taam, Choy-Tak. | 417 |
| Saito, T. | 35 | Reissig, R. | 143 | Johnson, E. S. | |
| Landis, E. M.-Petrovskii, I. G. | 35 | Marcus, M. D. | 143 | Taam, Choy-Tak. | 417 |
| Andronov, A. A.-Leontovič, E. A. | 36 | Diliberto, S. P. | 144 | Sansone, G.-Conti, R. | 547 |
| Gomory, R. E. | 36 | Krasnosel'skii, M. A. | 144 | Babister, A. W. | 548 |
| Loud, W. S. | 36 | Vorovič, I. I. | 144 | Littlewood, J. E. | 548 |
| Moore, R. A. | 141 | Kononenko, V. O. | 144 | Bradistilov, G. | 591 |
| Voznyuk, L. L. | 142 | Markosyan, S. A. | 145 | Klotter, K. | 624 |
| Gillies, A. W. | 142 | Pisarenko, G. S. | 195 | Olech, C.-Opial, Z. | |
| Cesari, L. | 142 | Braunbek, W. | 276 | Ważewski, T. | 650 |
| Hale, J. K. | 142 | Sauter, E. | 276 | Corduneanu, C. | 652 |
| Lykova, O. B. | 142 | Hale, J. K. | 276 | Simonov, S. N. | 652 |
| Berstein, I. | 143 | Blehman, I. I. | 276 | Ryabov, Yu. A. | 653 |
| Halanai, A. | 143 | Volosov, V. M. | 276 | Hudai-Verenov, M. G. | 653 |
| Sansone, G. | 143 | Otrokov, N. F. | 278 | Friedman, A. | 653 |
| | | Arus, L. | 359 | Ziemba, S. | 745 |
| | | Stout, T. M. | 375 | | |

DIFFERENTIAL EQUATIONS: ORDINARY. (Continued).

9. Periodicity, oscillations. (Continued).

| | | | | | |
|-------------------|-----|-----------------------|-----|---------------------|------|
| Reissig, R. | 745 | Faure, R. | 859 | Colombo, G. | 1053 |
| Colombo, G. | 745 | Peretiagin, B. M. | 859 | Rosenberg, R. M. | 1053 |
| Halanay, A. | 746 | Bott, R. | 859 | Kuškov, N. N. | 1053 |
| Berstein, I. | 746 | Littlewood, J. E. | 860 | Chan, Chi-fen. | 1053 |
| Landis, E. M. | 746 | Krasovskiy, N. N. | 860 | Mikolajski, Z. | 1053 |
| Petrovskii, I. G. | 746 | Fujita, H. | 884 | Villari, G. | 1054 |
| Molchanov, N. N. | 746 | Ziembra, S. | 899 | Proskuryakov, A. P. | 1083 |
| Nemyckij, V. V. | 746 | Mitropol'skii, Yu. A. | 960 | Lewandowski, A. | 1101 |
| Hurewicz, W. | 855 | A. | 960 | Lykova, O. B. | 1177 |
| Wintner, A. | 855 | Seifert, G. | 960 | Zoobowa, A. F. | 1177 |
| Bailey, H. R. | 857 | Strelkov, S. P. | 960 | Gutowski, R. | 1178 |
| Gambill, R. A. | 857 | Kondratiev, V. A. | 960 | Gambill, R. A. | 1178 |
| Taam, Choy-tak. | 858 | Nikolenko, L. D. | 960 | Haure, J. K. | 1178 |

10. Boundary-value problems, spectra, expansions in eigenfunctions.

| | | | | | |
|-------------------|-----|----------------------|-----|-----------------|------|
| Straus, A. V. | 47 | Biglov, Z. I. | 417 | Bott, R. | 859 |
| Chandrasekhar, S. | 144 | Eringen, A. C. | 426 | Parsons, D. H. | 917 |
| Reid, W. H. | 144 | Jauch, J. M. | 498 | Beesack, P. R. | 947 |
| Sims, A. R. | 144 | Aronszajn, N. | 550 | Lidskii, V. B. | 959 |
| Norkin, S. B. | 145 | *Rellich, F. | 550 | Chan, Khun. | 960 |
| Hecht, C. E. | 214 | Krumhaar, H. | 551 | Krein, M. G. | 961 |
| Mayer, J. E. | 214 | Jacobovich, V. A. | 551 | Sargsyan, I. S. | 961 |
| Chandrasekhar, K. | 268 | Slobodianskii, M. G. | 566 | Kestens, J. | 961 |
| Crum, M. M. | 277 | Harazov, D. F. | 666 | Glazman, I. M. | 969 |
| Hille, E. | 277 | Joos, H. | 666 | Nelson, E. | 969 |
| Straus, A. V. | 277 | Leal Ferreira, P. | 712 | Atkinson, F. V. | 1052 |
| Orlov, S. A. | 277 | Sargsyan, I. S. | 746 | Reid, W. T. | 1052 |
| Krein, M. G. | 277 | Agranovich, Z. S. | 746 | Feller, W. | 1052 |
| Jost, R. | 277 | Marchenko, V. A. | 746 | Ehrmann, H. | 1054 |
| Agranovič, Z. S. | 278 | Belkina, M. G. | 859 | Friedman, A. | 1054 |
| Marchenko, V. A. | 278 | Greguš, M. | 859 | Swanson, C. A. | 1054 |
| *Gould, S. H. | 287 | | | Kramer, H. P. | 1054 |
| Levin, B. Ya. | 402 | | | Reid, W. P. | 1229 |

11. Dynamical systems, topological properties. Cf. Topology: general 7.

| | | | | | |
|--------------------|-----|----------------------|-----|---------------------|------|
| Sucheston, L. | 21 | Hornich, H. | 420 | Tartakovskii, V. A. | 744 |
| Trjitzinsky, W. J. | 50 | Rund, H. | 477 | Landis, E. M. | 744 |
| Markosyan, S. A. | 145 | Terracini, A. | 547 | Petrovskii, I. G. | 746 |
| Barocio, S. | 145 | Sideriades, L. | 549 | Molchanov, N. N. | 746 |
| Sternberg, S. | 145 | Schwartzman, S. | 568 | Nemyckij, V. V. | 746 |
| *Zubov, V. I. | 275 | Hudal-Verenov, M. G. | 653 | Haimovici, M. | 765 |
| Moser, J. | 278 | Friedman, A. | 653 | Hurewicz, W. | 855 |
| Tabueva, V. A. | 278 | Debever, R. | 653 | Peretiagin, B. M. | 859 |
| Shapovalov, V. P. | 278 | Cahen, M. | 653 | Siegel, C. L. | 1048 |
| Otrokov, N. F. | 278 | Eršov, B. A. | 695 | Villari, G. | 1054 |
| Skatkov, B. N. | 416 | Sobolev, Yu. S. | 695 | Minorsky, N. | 1178 |
| Sansone, G. | 417 | | | | |
| Conti, R. | 417 | | | | |

12. Special types. Cf. Topological vector spaces.

| | | | | | |
|-----------------------|-----|---------------------|-----|--------------------------|------|
| Schubart, H. | 24 | Dolaptschew, B. | 417 | Mikusiński, J. | 747 |
| Wittich, H. | 24 | Tschobanow, I. | 417 | Krein, S. G. | 747 |
| Protasov, V. I. | 36 | Hebroni, P. | 417 | Dickson, D. G. | 860 |
| Krein, S. G. | 36 | Melzak, Z. A. | 428 | Visik, M. I. | 861 |
| Krasnosel'skii, M. A. | 140 | Kato, T. | 501 | Lyusternik, L. A. | 861 |
| Krein, S. G. | 140 | Bielecki, A. | 549 | Kostučenko, A. G. | 872 |
| Vorovič, I. I. | 144 | M. A. | 550 | Jurchescu, M. | 1044 |
| Hahn, W. | 145 | Krein, S. G. | 550 | Makai, E. | 1051 |
| Slowikowski, W. | 145 | Sobolevskii, P. E. | 550 | Krasovskii, N. N. | 1055 |
| Zadiraka, K. V. | 272 | Redheffer, R. | 558 | Swinerton-Dyer, H. P. F. | 1055 |
| Rehlicki, Z. I. | 275 | Klotter, K. | 624 | Dostupov, B. G. | 1087 |
| Shapovalov, V. P. | 278 | André, J. | 650 | Pougatchev, V. S. | 1087 |
| Shen, Chi-Neng. | 279 | Seibert, P. | 650 | Tschobanow, I. | 1178 |
| Kato, T. | 279 | R-Salinas | 650 | Tschobanow, I. | 1178 |
| Ladyženskaya, O. A. | 279 | Palero, B. | 650 | Paskalew, G. | 1178 |
| Belardinelli, G. | 279 | Acivros, A. | 652 | Foias, C. | 1185 |
| Zinger, A. A. | 279 | Redheffer, R. M. | 655 | Gussi, G. | 1185 |
| Linnik, Yu. V. | 325 | Kamymn, L. I. | 660 | Poenaru, V. | 1185 |
| Régner, A. | 325 | Benfatto, G. | 702 | | |
| Higgins, T. J. | 375 | Cameron, R. H. | 747 | | |
| Beklemishev, L. A. | 414 | Krasnoselsky, M. A. | 747 | | |
| | | Krein, S. G. | 747 | | |
| | | Sobolevsky, P. E. | 747 | | |

DIFFERENTIAL EQUATIONS: PARTIAL. Cf. Difference equations 1; Numerical methods 12; Physical applications; Special functions; Topological vector spaces 12.

| | | | | | |
|----------------|-----|---------------------|-----|------------------|-----|
| Janet, M. | 32 | Séminaire Schwartz. | 299 | Gelf'and, I. M. | 293 |
| Ehrenpreis, L. | 36 | 1954/1955. | 299 | *Stepanov, W. W. | 414 |
| *Wayland, H. | 110 | | | | |

DIFFERENTIAL EQUATIONS: PARTIAL. (Continued).

| | | | | | |
|--------------------------------|-----|-----------------|-----|-------------------|-----|
| Séminaire Schwartz, 1955/1956. | 418 | *Legras, J. | 419 | Lopatinsky, Y. B. | 961 |
| | | *Spiegel, M. R. | 744 | | |

1. Existence, uniqueness, stability.

| | | | | | |
|-------------------|-----|----------------|-----|--------------------|------|
| Babenko, K. I. | 20 | Plis, A. | 419 | Stampacchia, G. | 748 |
| Godunov, S. K. | 37 | Cinquini, S. | 420 | Amanov, T. I. | 861 |
| Aržanyh, I. S. | 37 | Myškis, A. D. | 425 | Slobodeckii, L. N. | 864 |
| Avdeev, N. Ya. | 37 | Slovak, A. S. | 425 | Hramova, M. I. | 864 |
| Lions, J. L. | 146 | Saltykov, N. | 551 | Nirenberg, L. | 962 |
| Nirenberg, L. | 147 | Lewy, H. | 551 | Chiffi, A. | 1055 |
| Malgrange, B. | 280 | Halilov, Z. I. | 557 | Aronszajn, N. | 1056 |
| Lax, P. D. | 281 | John, F. | 558 | Lieberstein, H. M. | 1058 |
| Louhivaara, I. S. | 281 | Bergman, S. | 558 | | |
| Hille, E. | 418 | Fichera, G. | 558 | | |
| Lions, J. L. | 419 | | | | |
| Princivali, M. L. | 419 | | | | |

2. Total equations, Pfaff's problem.

| | | | | | |
|----------------|-----|---------------|------|----------------|------|
| Aržanyh, I. S. | 37 | Egorov, V. G. | 858 | Muracchipi, L. | 1193 |
| Haimovici, M. | 147 | Picone, M. | 1055 | | |

3. Analytic and algebraic theory of systems of equations.

| | | | | | |
|----------------|-----|-----------------|-----|--------------------|------|
| Godunov, S. K. | 37 | Danilyuk, I. I. | 282 | Morrey, C. B., Jr. | 654 |
| Auslander, L. | 147 | Segre, B. | 551 | Nirenberg, L. | 654 |
| *Zubov, V. I. | 275 | Trèves, F. | 552 | Gradstein, I. S. | 654 |
| McLeod, R. M. | 281 | Shirot, T. | 552 | Redheffer, R. M. | 655 |
| Gergen, J. J. | 281 | Mihailov, L. G. | 552 | Friedman, A. | 657 |
| Dressel, F. G. | 281 | Galon, L. M. | 553 | Rosman, M. N. | 1056 |
| Fava, F. | 282 | Mohr, E. | 556 | Mikusiński, J. | 1178 |
| Rusak, B. I. | 282 | | | | |

4. First order equations.

| | | | | | |
|------------------|-----|-----------------|-----|-------------------|-----|
| Mambriani, A. | 37 | Saltykov, N. | 419 | Saltykov, N. N. | 655 |
| Oleinik, O. A. | 37 | Hornich, H. | 420 | *Carathéodory, C. | 655 |
| Yabloukov, V. A. | 147 | Cinquini, S. | 420 | Fichera, G. | 657 |
| *Zubov, V. I. | 275 | Lewy, H. | 551 | El'sgol'ts, L. E. | 744 |
| Danilyuk, I. I. | 282 | Danilyuk, I. I. | 553 | Plis, A. | 865 |
| Zautykov, O. A. | 286 | Bellman, R. | 558 | | |

5. Elliptic equations, boundary value problems. Cf. Harmonic functions.

| | | | | | |
|--------------------|-----|---------------------|---------------|---------------------|-----|
| Henrici, P. | 38 | Foias, C. | 422 | Lions, J. L. | 748 |
| Koschelev, A. I. | 38 | Gussi, G. | 422 | Stampacchia, G. | 748 |
| Cordes, H. O. | 38 | Poenaru, V. | 422 | Capriz, G. | 748 |
| Friedman, A. | 39 | Schwartz, L. | 422 | Lesky, P. | 748 |
| Duff, G. F. D. | 39 | Karp, S. N. | 423 | Krasnov, M. L. | 748 |
| Armstrong, H. L. | 93 | Babakova, O. I. | 423 | Nash, J. | 749 |
| Lyubii, Yu. I. | 147 | Kozyrev, I. I. | 423 | Zalkin, D. A. | 749 |
| Cordes, H. O. | 148 | Lions, J. L. | 424 | Kazarnovskii, M. V. | 749 |
| Wolska, J. | 148 | Falks, W. | 425 | Mihlin, S. G. | 749 |
| Vekilov, S. I. | 148 | Pucci, C. | 426 | Glantz, H. | 750 |
| Reina, I. | 149 | Lavrent'ev, M. M. | 426 | Reissner, E. | 750 |
| Dubovickii, A. Ya. | 149 | Mihailov, L. G. | 552 | Stampacchia, G. | 848 |
| Aržanyh, I. S. | 193 | Danilyuk, I. I. | 552, 553 | Mařík, J. | 848 |
| Magenes, E. | 262 | Pettineo, B. | 553 | Visik, M. I. | 861 |
| Malgrange, B. | 280 | Landis, E. M. | 553 | Lyusternik, L. A. | 861 |
| Lax, P. D. | 281 | Vinogradov, V. S. | 553 | Vishik, M. I. | 861 |
| McLeod, R. M. | 281 | Sobolev, S. L. | 553 | Lusternik, L. A. | 861 |
| Gergen, J. J. | 281 | Galon, L. M. | 553 | Amanov, T. I. | 861 |
| Dressel, F. G. | 281 | Lavrent'ev, M. M. | 553 | Bicadze, A. V. | 861 |
| Kreyszig, E. | 282 | Lavruk, B. R. | 554 | Henrici, P. | 861 |
| Pogorzelski, W. | 282 | Nitsche, J. | 554 | Bers, L. | 861 |
| Bers, L. | 283 | Finn, R. | 555 | Browder, F. E. | 862 |
| Ericksen, J. L. | 283 | Schechter, M. | 555 | Sext, T. | 862 |
| Stummel, F. | 283 | Lopatinsky, Ya. | 555 | Boyar'skii, B. | 862 |
| Walter, W. | 283 | B. | 555 | Koshelev, A. I. | 862 |
| Kudryavtsev, L. D. | 283 | Flekser, M. S. | 555 | Nitsche, J. C. C. | 878 |
| Campanato, S. | 283 | Mohr, E. | 556 | Ustinova, N. N. | 885 |
| Koshelev, A. I. | 286 | Slobodeckii, L. N. | 556 | Kantorovič, L. V. | 887 |
| Il'in, V. A. | 288 | Aronszajn, N. | 556 | Krylov, V. I. | 887 |
| Wilcox, C. H. | 358 | Smith, K. T. | 566 | Cernin, K. E. | 887 |
| Morrey, C. B., Jr. | 407 | Nakae, T. | 575 | Vzorova, A. I. | 887 |
| Eells, J., Jr. | 407 | Bergman, S. | 584 | Cordes, H. O. | 961 |
| Morrey, C. B., Jr. | 408 | Morrey, C. B., Jr. | 584 | Dressel, F. G. | 962 |
| Legras, J. | 419 | Nirenberg, L. | 654 | Gergen, J. J. | 962 |
| Greco, D. | 420 | Wintner, A. | 655 | Nirenberg, L. | 962 |
| Hörmander, L. | 420 | Babuska, I. | 656 | Thyssen, M. | 963 |
| Lions, J. L. | 420 | Ladyženskaja, O. A. | 656 | Migliaro, M. G. | 963 |
| Malgrange, B. | 420 | Fichera, G. | 657, 658, 659 | Laasonen, P. | 964 |
| Huet, D. | 421 | | | Keller, J. B. | 964 |
| Cattabriga, L. | 421 | Levitani, B. M. | 660, 661 | Miranker, W. L. | 964 |
| Cimmino, G. | 421 | Il'in, V. A. | 661 | Lavruk, B. R. | 964 |
| *Miranda, C. | 421 | Harasov, D. F. | 666 | Ganin, M. P. | 964 |
| | | Krein, S. G. | 747 | | |

DIFFERENTIAL EQUATIONS: PARTIAL. (Continued).

5. Elliptic equations, boundary value problems. (Continued).

| | | | | | |
|-------------------|------|-------------------|------|-------------------|------|
| Tersenov, S. A. | 965 | Aronszajn, N. | 1056 | Finn, R. | |
| Weinstein, A. | 965 | Miranker, W. L. | 1056 | Gilbarg, D. | 1179 |
| Fichera, G. | 969 | Calabi, E. | 1056 | Payne, L. E. | |
| Narasimhan, M. S. | 980 | Browder, F. E. | 1057 | Weinberger, H. F. | 1179 |
| Singh, R. K. P. | 998 | Narasimhan, M. S. | 1057 | Davis, R. B. | 1179 |
| Boggio, T. | 1046 | Browder, F. E. | 1061 | Bragard, L. | 1242 |
| Miranda, C. | 1056 | Nicolovius, R. | 1103 | | |

6. Hyperbolic equations, Cauchy problem.

| | | | | | |
|---------------------|-----|--------------------|-----|---------------------|------|
| Payne, L. E. | | Sabat, B. V. | 553 | Barantsev, R. G. | 865 |
| Weinberger, H. F. | 39 | Petrovskii, I. G. | 556 | Levina, S. N. | 965 |
| Samosjuk, G. P. | 39 | Lions, J. L. | 556 | Weinstein, A. | 965 |
| Szmydt, Z. | 39 | M. M. | 556 | Diaz, J. B. | 965 |
| Artemow, G. A. | 40 | Gradshteyn, I. S. | 654 | Vahaniya, N. N. | 965 |
| Guss, G. | | Tolle, H. | 656 | Coburn, N. | 1006 |
| Poenaru, V. | | Weinstein, A. | 656 | Byhovskii, E. B. | 1057 |
| Foyas, K. | 40 | Duff, G. F. D. | 656 | Bureau, F. J. | 1057 |
| Blondel, J.-M. | 149 | Aguiló Fuster, R. | 660 | Ladyženskaya, O. A. | 1057 |
| Ciliberto, C. | 149 | Hille, E. | | Weinberger, H. F. | 1058 |
| Corduneanu, C. | 149 | Phillips, R. S. | 664 | Lieberstein, H. M. | 1058 |
| Smirnov, M. M. | 149 | Garabedian, P. R. | 706 | Davis, R. M. | 1058 |
| Babić, V. M. | 197 | Lin, C. C. | 706 | Walter, W. | 1059 |
| Kato, T. | 279 | Szmydt, Z. | 748 | Ficken, F. A. | |
| Ladyženskaya, O. A. | 279 | Karapetyan, K. I. | 748 | Fleishman, B. A. | 1059 |
| Lasota, A. | 284 | Krasnov, M. L. | 748 | Peyser, G. | 1059 |
| Wintner, A. | 284 | Prodi, G. | 749 | Thomée, V. | 1059 |
| Hallilov, Z. I. | 284 | Artemov, G. A. | 863 | Lasota, A. | 1060 |
| Legras, J. | 419 | Il'in, V. A. | 863 | Santavý, I. | 1060 |
| Sbrana, F. | 423 | Blondel, J.-M. | 863 | Koval', P. I. | 1083 |
| Yosida, K. | 423 | Phillips, R. S. | 863 | Lieberstein, H. M. | 1179 |
| Lions, J. L. | 424 | Zhdanovich, W. F. | 864 | | |
| Ciliberto, C. | 424 | Slobodeckii, L. N. | | | |
| Hornich, H. | 424 | Hramova, M. I. | 864 | | |
| Freeman, J. C., Jr. | | | | | |
| Baer, L. | 463 | | | | |

7. Parabolic equations.

| | | | | | |
|---------------------|-----|-----------------------|----------|-------------------|----------|
| Krzyżaniński, M. | 40 | Fulks, W. | 425 | Ventcel', T. D. | 657 |
| Kim, E. I. | 40 | Pogorzelski, W. | 425 | Fichera, G. | 657, 658 |
| Hille, E. | 40 | Friedman, A. | 425 | Krein, S. G. | 747 |
| Kampé de Fériet, J. | 40 | Cameron, R. H. | 428 | Nash, J. | 749 |
| Oleinik, O. A. | | Witting, H. | 462 | Itô, S. | 864 |
| Ventcel', T. D. | 149 | Krasnosel'skii, M. A. | | Bellman, R. | 885 |
| Tingley, A. J. | 149 | Krein, S. G. | | Ventcel', T. D. | 885 |
| Eidel'man, S. D. | 150 | Sobolevskii, P. E. | 550 | Pini, B. | 965 |
| Borok, V. M. | 150 | Barenblatt, G. I. | 966 | Zagorskii, T. Ya. | 966 |
| Válcovici, V. | 150 | Asral, B. | 556 | Feller, W. | 1052 |
| Barenblatt, G. I. | 208 | Slobodeckii, L. N. | 556, 557 | Ventcel', A. D. | 1060 |
| Selig, F. | | Koubek, L. | 557 | Douglas, J., Jr. | 1060 |
| Fieber, H. | 213 | Eidel'man, S. D. | 557 | Koval', P. I. | 1083 |
| White, G. W. T. | 213 | Aranson, D. G. | 557 | Conte, S. D. | 1084 |
| Šil'krut, D. I. | 284 | Hallilov, Z. I. | 557 | Chow, Tse-Sun. | 1127 |
| Kolodner, I. I. | 285 | Mrak, W. | 558 | Krzyżaniński, M. | 1179 |
| McKean, H. P., Jr. | 285 | Juncosa, M. L. | | Poiat, C. | |
| Mizohata, S. | 285 | Young, D. | 583 | Guss, G. | |
| Widder, D. V. | 413 | Ladyženskaja, O. A. | 656 | Poenaru, V. | 1185 |
| Hille, E. | 418 | Friedman, A. | 657 | Jäckel, H. | 1229 |
| Legras, J. | 419 | | | Reid, W. P. | 1229 |

8. Mixed equations.

| | | | | | |
|---------------------|-----|-------------------|-----|------------------|-----|
| Morawetz, C. S. | 40 | Louhivaara, I. S. | 281 | Fichera, G. | 659 |
| Baklevič, N. I. | 150 | Nakamura, M. | 286 | Protter, M. H. | 660 |
| Hallilov, Z. I. | 178 | Pailloux, H. | 415 | Smirnov, M. M. | 864 |
| Kato, T. | 279 | Ghizzetti, A. | 426 | Barantsev, R. G. | 865 |
| Ladyženskaya, O. A. | 279 | Morawetz, C. S. | 490 | Sabat, B. V. | 865 |
| | | Tolle, H. | 656 | | |

9. Classification, characteristics.

| | | | | | |
|----------------|-----|----------|-----|---------------|------|
| Mambriani, A. | 425 | Plis, A. | 865 | Ghizzetti, A. | 1061 |
| Smirnov, M. M. | 553 | | | | |

10. Linear equations of higher order. Cf. Harmonic functions 3.

| | | | | | |
|-------------------|-----|---------------|-----|-------------------|------|
| John, F. | 653 | Delsarte, J. | | Fridlander, V. R. | 966 |
| Aguiló Fuster, R. | 660 | Lions, J. L. | 959 | Browder, F. E. | 1057 |
| Trèves, F. | 755 | Chen, Chin-I. | 966 | | |

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| Sokolov, Yu. D. | 41 | Košev, A. I. | 286 | Finn, R. | 555 |
| Nikitin, A. K. | 87 | Hille, E. | 327 | Kamynin, L. I. | 660 |
| Redheffer, R. M. | 150 | Lions, J. L. | 419 | Nitsche, J. C. C. | 878 |
| Walter, W. | 150 | Princivali, M. L. | 419 | Chan, Chan Khun. | 960 |
| Burgers, J. M. | 150 | Huet, D. | 421 | Dressel, F. G. | |
| Vorovič, I. I. | 193 | Mambriani, A. | 425 | Gergen, J. J. | 962 |
| Vorovich, I. I. | 194 | Friedman, A. | 425 | Barenblatt, G. I. | 966 |
| Zautykov, O. A. | 286 | Myškis, A. D. | | Douglas, J., Jr. | 1060 |
| Lavrent'ev, M. A. | | Slopak, A. S. | 425 | Pini, B. | 1060 |
| Sabat, B. V. | 286 | Eringen, A. C. | 426 | Jung, H. | 1127 |
| Hallilov, Z. I. | 286 | Ghizzetti, A. | 426 | | |

12. Eigenvalues, eigenfunctions.

| | | | | | |
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| Shuleshko, P. | 41 | Levitan, B. M. | 660, 661 | Browder, F. E. | 1061 |
| Stone, A. P. | 41 | Il'in, V. A. | 661 | Diaz, J. B. | 1083 |
| Maass, H. | 264 | Faddeev, L. D. | 661 | Duffin, R. J. | |
| *Gould, S. H. | 287 | Lidskii, V. B. | 749 | Schild, A. | 1101 |
| Il'in, V. A. | 288 | Browder, F. E. | 862 | Payne, L. E. | |
| Eringen, A. C. | 426 | Thyssen, M. | 963 | Weinberger, H. F. | 1110 |
| Kato, T. | 501 | Nelson, E. | 969 | Peetre, J. | 1180 |
| Selberg, A. | 531 | Weinberger, H. F. | 1058 | Schwarz, B. | 1180 |
| Galon, L. M. | 553 | Berezanskii, Yu. M. | 1061 | Adams, E. N. | 1231 |
| Nitsche, J. | 554 | | | | |
| Griffith, J. L. | 650 | | | | |

13. Approximate methods. Cf. Numerical methods 12.

| | | | | | |
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| Altman, M. | 41 | Wasow, W. R. | 582 | Mihlin, S. G. | 749 |
| *Gould, S. H. | 287 | Kotal, M. | 582 | Glantz, H. | |
| Altman, M. | 297 | Douglas, J., Jr. | 583 | Reissner, E. | 750 |
| Ryabova, E. V. | 342 | Zaikin, D. A. | | Ustinova, N. N. | 885 |
| Pucci, C. | 426 | Kazarnovskii, M. V. | 749 | Petrova, S. G. | 1113 |
| Lavrent'ev, M. M. | 426 | | | | |

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| *Norden, A. P. | 58 | *Kruppa, E. | 165 | *Norden, A. P. | 763 |
| Vidal Abascal, E. | 58 | | | | |

1. Direct methods. Cf. Functions of real variables 4; Manifolds, connections 4.

| | | | | | |
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| Alexandrow, A. D. | 304 | Haupt, O. | 447 | de Rham, G. | 842 |
| Borisov, Yu. F. | 305 | Bouligand, G. | 447 | Mirguet, J. | 877, 878 |
| Strel'cov, V. V. | 307 | Jha, P. | 448 | Ravetz, J. R. | 946 |
| | | Alexits, G. | 573 | | |

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| | | | | | |
|---------------------------------------|-----|----------------------|----------|-----------------------|------|
| Cochin, A. | 58 | Mishra, R. S. | | Tsuji, M. | 573 |
| Gheorghiu, G. T. | 58 | Upadhyay, M. D. | 306 | Lagally, M. | 574 |
| Vancura, Z. | 58 | Cor, M. | 306 | Pozzolo, Ferraris, G. | 574 |
| Aleksandrov, A. D. | 59 | Gorowara, K. K. | 306 | Nádenk, Z. | 675 |
| Svoboda, K. | 59 | Miron, R. | 306 | Urban, A. | 675 |
| Bakel'man, I. Ya. | 165 | Urban, A. | 306 | Svoboda, K. | 675 |
| Wróbel, T. H. | 165 | Zaharov, D. A. | 307 | Bouligand, G. | 679 |
| Havel, V. | 166 | Mihăileanu, N. | 447, 448 | Duncan, W. J. | 702 |
| Nádenk, Z. | 166 | Grigor'ev, I. N. | 448 | Santalo, L. A. | 763 |
| Pogorelow, A. W. | 305 | Kallenberg, G. W. M. | 450 | Savasta, C. | 878 |
| Flett, T. M. | 305 | Kohler, M. | 495 | Biran, L. | 878 |
| Mokrišev, K. K. | 305 | | | Golab, S. | 879 |
| Černýaev, M. P. | 306 | | | Wintner, A. | 977 |
| Drîmbă, Constanța-Drîmbă, Constantin. | 306 | | | Zezula, J. | 978 |
| | | | | Scherrer, W. | 1074 |

3. Vector and tensor analysis. Cf. Geometries, Euclidean and other 7; Linear algebra 5.

| | | | | | |
|------------------------|--------|------------------------|-----|---------------------|------|
| Elianu, I. P. | 26 | de Mira, Fernandes, A. | 455 | Janekoski, V. | 762 |
| Craig, H. V. | 43 | *Lagally, M. | 574 | Santaló, L. A. | 763 |
| Schouten, J. A. | 59, 60 | Buchdahl, H. A. | 615 | *Reichardt, H. | 764 |
| Andrade, Guimarães, A. | 113 | Groh, H. | 628 | *Chern, Shing-shen. | 764 |
| Auslander, L. | 147 | Kastler, D. | 628 | Segre, B. | 764 |
| *Whitney, H. | 309 | Debever, R. | | Liber, A. E. | 764 |
| Šlebodniński, J. | 313 | Cahen, M. | 653 | Lepage, T. H. | 867 |
| Sasayama, H. | 314 | Iss, R. | 677 | *Golab, S. | 879 |
| Winogradski, J. | 362 | Katsurada, Y. | 678 | *McConnell, A. J. | 1074 |
| Karapetyan, S. E. | 448 | Walker, A. G. | 680 | Doyle, T. C. | 1102 |
| Gallissot, F. | 449 | Duncan, W. J. | 702 | | |
| Frankel, T. | 453 | *Valentiner, S. | 725 | | |

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4. Kinematic methods and integral geometry.

| | | | | | |
|---------------------|-----|--------------------|-----|---------------|-----|
| Drîmbă, Constantin. | 306 | Šulikovskii, V. I. | 307 | Nádeník, Z. | 675 |
| | | Masotti | | Lopšic, A. M. | 978 |
| | | Biggiogero, G. | 447 | | |

5. Minimal surfaces. Cf. Calculus of variations.

| | | | | | |
|---------------------|-----|-------------------|-----|--------------------|-----|
| Steenbeekeliens, G. | 166 | Nitsche, J. | 448 | Helfenstein, H. G. | 978 |
| Fréchet, M. | 307 | Reade, M. O. | 739 | | |
| | | Nitsche, J. C. C. | 878 | | |

6. Families of curves, nets, webs.

| | | | | | |
|--------------------|-----|---------------|-----|----------------|------|
| Ryžkov, V. V. | 59 | Özkan, A. | 448 | Rozet, O. | 574 |
| Blaschke, W. | 59 | Jha, P. | 448 | Blaschke, W. | 675 |
| Šulikovskii, V. I. | 166 | Picasso, E. | 450 | Calapso, R. | 764 |
| Šul'man, T. A. | 307 | Kaul, S. K. | 451 | Kaul, R. N. | 1074 |
| Grigor'ev, I. N. | 448 | Terracini, A. | 547 | Vincensini, P. | 1074 |

7. Deformation of surfaces.

| | | | | | |
|------------------|-----|---------------|-----|----------------|-----|
| Efimow, N. W. | 59 | Senkin, E. N. | 574 | Dorfman, A. G. | 764 |
| Grove, V. G. | 167 | Ryžkov, V. V. | 574 | Saban, G. | 878 |
| Pogorelow, A. W. | 305 | Backes, F. | 574 | Poznyak, E. G. | 878 |
| Barner, M. | 307 | Rembs, E. | 675 | Ryžkov, V. V. | 878 |
| Vekua, I. N. | 308 | Švec, A. | 676 | Rembs, E. | 978 |
| Rembs, E. | 308 | Čech, E. | 676 | | |

8. Differential line geometry, Laguerre and other sphere geometries.

| | | | | | |
|-----------------|-----|-------------------|-----|-------------------|------|
| Gheorghiev, G. | 166 | Karapetyan, S. E. | 448 | Geldel'man, R. M. | 676 |
| Kovancov, N. I. | 166 | Kovancov, N. I. | 450 | *Finikov, S. P. | 676 |
| Klapka, J. | 167 | Rozet, O. | 574 | Vincensini, P. | 764 |
| Eriksson, F. | 308 | Čech, E. | 676 | Švec, A. | 1075 |
| Kunle, H. | 308 | | | | |

9. Lineal and higher order elements.

| | | | | | |
|------------------|-----|-------------|-----|------------------|-----|
| Ostrowski, A. | 59 | Glaeser, G. | 638 | Gheorghiu, O. E. | 678 |
| Kamalamma, K. N. | 449 | Iss, R. | 677 | Katsurada, Y. | 678 |
| Kirby, D. | 459 | Aczél, J. | 677 | Čech, E. | 978 |

10. Differential geometry in the large. Cf. Manifolds, connections; Topology: algebraic 4.

| | | | | | |
|--------------------|--------|------------------------|-----|-----------------|------|
| Efimow, N. W. | 59 | Gugenheim, V. K. A. M. | 310 | Bouligand, G. | 678 |
| *de Rham, G. | 59 | Spencer, D. C. | 310 | Hartman, P. | 679 |
| Schouten, J. A. | 59, 60 | Sasayama, H. | 314 | Segre, B. | 679 |
| Kervaire, M. | 160 | Wallace, A. H. | 320 | Kervaire, M. A. | 760 |
| Grove, V. G. | 167 | Gallissot, F. | 449 | Danelić, I. A. | 979 |
| Aleksandrov, A. D. | 167 | Thom, R. | 449 | Segre, B. | 979 |
| Tits, J. | 289 | Segre, B. | 449 | Süss, W. | 1075 |
| Pogorelov, A. V. | 309 | Terracini, A. | 547 | Valette, G. | 1075 |
| *Whitney, H. | 309 | Blanuka, D. | 574 | Balcerzyk, S. | |
| Thom, R. | 310 | Dubins, L. E. | 678 | Mycielski, J. | 1187 |

11. Projective differential geometry.

| | | | | | |
|------------------|-----|-------------------|-----|-------------------|------|
| Blaschke, W. | 59 | Karapetyan, S. E. | 448 | Čech, E. | 676 |
| Barner, M. | 60 | Decuyper, M. | 449 | Segre, B. | 679 |
| Mihăilescu, T. | 60 | Villa, M. | 449 | Geldel'man, R. M. | 879 |
| Gheorghiu, G. T. | 60 | Bompiani, E. | 449 | Marcus, F. | 879 |
| Villa, M. | 61 | Picasso, E. | 450 | Čech, E. | 978 |
| Speranza, F. | 61 | Lennes, G. | 450 | Muracchini, L. | 979 |
| Havel, V. | 166 | Rozet, O. | 450 | Švec, A. | 1075 |
| Klapka, J. | 167 | Ščerbakov, R. N. | 450 | Su, Buchin. | 1075 |
| Gallarati, D. | 167 | Kovancov, N. I. | 450 | Speranza, F. | 1075 |
| Jeger, M. | 169 | Terracini, A. | 547 | Vranceanu, G. | 1075 |
| Lingenberg, W. | 311 | Rozet, O. | 574 | Muracchini, L. | 1193 |
| Pisareva, N. M. | 312 | Urban, A. | 675 | | |

12. Differential geometry under other groups: affine, inverse, conformal, non-Euclidean.

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|----------------|-----|----------------------|-----|------------------|------|
| Blaschke, W. | 59 | Okubo, T. | 313 | Vranceanu, G. | 455 |
| Takasu, T. | 61 | Kelly, P. J. | 446 | Švec, A. | 676 |
| Barner, M. | 307 | Straus, E. G. | 446 | Liber, A. E. | 764 |
| Nožička, F. | 311 | Kallenberg, G. W. M. | 450 | MacDuffee, C. C. | 764 |
| Mayer, O. | 311 | Pan, T. K. | 450 | Laugwitz, D. | 765 |
| Strubecker, K. | 311 | | | Valette, G. | 1075 |
| Popescu, I. | 311 | | | | |

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DIMENSION THEORY. See Topology: algebraic 10; Topology: general 3.

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DIOPHANTINE EQUATIONS. See Theory of numbers: general 4.

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DISTANCE GEOMETRIES. See Convex domains 3.

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| Gale, D. | 105 | Rosenblatt, D. | 617 | Uzawa, H. | 929 |
| Seng, You Poh. | 105 | Bellman, R. | 820 | Morton, G. | 931 |
| Berger, J. | | Georgescu-Roegen, N. | 929 | Tintner, G. | 932 |
| Snell, J. L. | 371 | Wold, H. O. A. | 929 | Gorman, W. M. | 1023 |
| Pfouts, R. W. | 371 | Whittle, P. | 929 | Cherubino, S. | 1023 |
| Beckmann, M. J. | 374 | | | Beach, E. F. | 1242 |
| de Vries, M. | 476 | | | | |

1. Econometrics.

| | | | | | |
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| Basman, R. L. | 74 | Kimura, H. | 462 | McKenzie, L. | 720 |
| Enthoven, A. C. | | Beckmann, M. J. | 513 | Cramér, H. | 776 |
| Arrow, K. J. | 105 | Vidale, M. L. | | Briggs, F. E. A. | 781 |
| Klein, L. R. | 106 | Wolfe, H. B. | 514 | Tobin, J. | 819 |
| Banerjee, K. S. | 106 | Strotz, R. H. | 617 | Hahn, F. H. | 819 |
| van Dantzig, D. | 230 | Giaccardi, F. | 617 | Arrow, K. J. | 819 |
| Theil, H. | 230 | Mills, E. S. | 617 | Shiskin, J. | |
| Greenhut, M. L. | 230 | Verdoorn, P. J. | 618 | Eisenpress, H. | 897 |
| Pfouts, R. W. | 230 | Gale, D. | 620 | Frisch, R. | 930 |
| Ting Kuan, Shu-chuang. | 325 | Tucker, A. W. | 621 | Papandreou, A. G. | 1145 |
| Stuvel, G. | 371 | Goldman, A. J. | 621 | Luce, R. D. | 1242 |
| Castiglioni, P. | 372 | Thompson, G. L. | 621 | Stone, R. | |
| Klein, L. R. | 372 | Frisch, R. | 719 | Rowe, D. A. | 1242 |
| | | Wagner, H. M. | 720 | | |

2. Actuarial theory.

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| Spring, O. W. | | Tedeschi, B. | 230 | Del Vecchio, E. | 372 |
| Leepin, P. | 183 | Stevens, W. L. | 230 | Bonferroni, C. | 372 |

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| Campagne, C. | | Knoche, H.-G. | 513 | Giuliano, S. | 1146 |
| Driebergen, C. | 373 | Rufener, E. | 618 | Bierlein, D. | 1147 |
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| Zwinggi, E. | 513 | Cramér, H. | 779 | Arfvedson, G. | 1243 |
| Jecklin, H. | 513 | Quinkert, W. | 930 | Johnson, N. L. | 1243 |
| Hüsser, R. | 513 | | | | |

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| Biser, E. | | Barrer, D. Y. | 779 | Beckmann, M. J. | 930 |
| Meyerson, M. | 106 | Johnson, S. M. | 819 | Karush, W. | 1023 |
| Yavinskii, N. A. | 183 | Koopman, B. O. | 819 | White, H. | |
| Bishop, G. T. | 231 | Freeman, R. J. | 819 | Christie, L. S. | 1091 |
| *Marschak, T. | 231 | Bellman, R. | 819 | Senju, S. | 1091 |
| Hale, J. K. | | Goode, H. H. | 819 | Jogdeo, S. S. | |
| Reed, R. L. | 231 | Karush, W. | 819 | Chaudhuri, | |
| Goode, H. H. | | Jaekel, K. | 819 | A. K. | 1092 |
| Machol, R. E. | 372 | Arrow, K. J. | 819 | Mack, C. | |
| *Grabbe, E. M. | | Isbell, J. R. | 820 | Murphy, T. | |
| (editor). | 464 | Preinreich, | | Webb, N. L. | 1092 |
| Buch, | | G. A. D. | 820 | Mack, C. | 1092 |
| Kai Rander. | 470 | Clark, C. E. | 820 | A comprehensive | |
| Page, E. S. | | Bellman, R. | | bibliography | |
| Muris, S. | 513 | Clark, C. E. | | on operations | |
| McMillan, B. | | Malcolm, D. G. | | research | |
| Riordan, J. | 514 | Craft, C. J. | | through 1956, | |
| Vazsonyi, A. | 514 | Ricciardi, | | with supple- | |
| Supnick, F. | 514 | F. M. | 823 | ment for 1957. | 1146 |
| Vidale, M. L. | | Brotman, L. | | Pinkham, R. | 1146 |
| Wolfe, H. B. | 514 | Minker, J. | 824 | Peck, L. G. | |
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| Görtler, H. | 202 | Herzig, H. Z. | 796 | Guha, C. R.-Yih, Chia-Shun. | 1119 |
| Coleman, W. S. | 202 | Hansen, A. G. | 796 | Shun, K. | 1119 |
| Lachman, G. V. | 202 | Wadhwa, Y. D. | 797 | Stewartson, K. | 1219 |
| Chambre, P. L. | 202 | Cooke, J. C. | 797 | Sparrow, E. M. | 1220 |
| Mirels, H.-Braun, W. H. | 349 | Sanyal, Lakshmi. | 797 | Sedney, R. | 1220 |
| Englert, G. W. | 349 | Roschiszewski, J. | 797 | Illingworth, C. R. | 1220 |
| Potter, O. E. | 488 | Curl, N.-Skan, S. W. | 797 | v. Krzywoblocki, M. Z. | 1220 |
| Rubens, M. W.-Inouye, M. | 489 | Cohen, N. B. | 912 | Varley, E. | 1220 |
| Coles, D. | 602 | Trimpi, R. L.-Cohen, N. B. | 912 | Nazarchuk, M. M. | 1221 |
| Baron, J. R. | 603 | Savulescu, S. | 912 | Dem'yanov, Yu. A. | 1221 |
| Becker, R. | 603 | Gupta, A. S. | 912 | Rozin, L. A. | 1221 |
| Sanyal, Lakshmi. | 603 | Voromin, V. I. | 912 | | |
| Covert, E. E. | 603 | Gil, G. V.-Myshkis, A. D. | 912 | | |
| Morduchow, M.-Grape, R. G.-Shaw, R. P. | 603 | | | | |

7. Stability of flow.

| | | | | | |
|-------------------------------|-----|-----------------------------------|-----|---------------------------|------|
| Tchen, Chan-Mou. | 89 | Chandrasekhar, S.-Donnelly, R. J. | 489 | Sanyal, Lakshmi. | 797 |
| Di Prima, R. C.-Dunn, D. W. | 89 | Chandrasekhar, S. | 489 | Szaniawski, A. | 913 |
| Chandrasekhar, S.-Reid, W. H. | 144 | Freeman, N. C. | 491 | Ebert, R. | 913 |
| Curl, N. | 202 | Covert, E. E. | 603 | Reid, W. H. | 1119 |
| Goody, R. M. | 213 | Hartunja, R. A.-Hakkinen, R. J. | 603 | Görtler, H. | 1119 |
| Garabedian, P. R. | 349 | Sears, W. R. | 603 | Palm, E. | 1173 |
| Smith, A. M. O. | 349 | Movčan, A. A. | 604 | Dolph, C. L.-Lewis, D. C. | 1221 |
| | | Roy, M. | 797 | Stuart, J. T. | 1221 |

8. Turbulence.

| | | | | | |
|-----------------------------------|-----|----------------------------------------|------|-------------------------------|------|
| Szablewski, W. | 89 | Keller, G. | 369 | Pai, Shih-I. | 913 |
| Craya, A. | 89 | Phillips, O. M. | 488 | Backus, G. | 913 |
| Hartley, R. V. L. | 202 | Favre, A. J.-Gaviglio, J. J. | 489 | Spalding, D. B. | 1005 |
| Kraichnan, R. H. | 203 | Dumas, K. | 489 | Roberts, P. H. | 1005 |
| Walters, T. S. | 203 | Hakkinen, R. J.-Richardson, A. S., Jr. | 489 | Monin, A. S. | 1023 |
| Stewart, R. W. | 204 | Kampé de Fériet, J. | 490 | Craddock, J. M. | 1099 |
| Wheelon, A. D. | 204 | Monin, A. S. | 511 | Charnock, H. | 1099 |
| Chuang, Feng-kan. | 204 | Kraichnan, R. H. | 1119 | Rushton, S. | 1099 |
| Scheidegger, A. E. | 208 | Beckers, H. L. | 1120 | Neumann, J. | 1099 |
| Longuet-Higgins, M. S. | 329 | Kraichnan, R. H. | 1119 | Kraichnan, R. H. | 1119 |
| Hopf, E. | 350 | Corrsin, S. | 1120 | Kahan, T. | 1221 |
| Tollmien, W. | 350 | Grant, A. M. | 604 | Kraichnan, R. H. | 1221 |
| Eggleston, J. M.-Diederich, F. W. | 350 | Coles, D. | 604 | Jain, P. C. | 1221 |
| Malkus, W. V. R. | 350 | Monin, A. S. | 705 | Ekart, G. | 1222 |
| Smith, F. B. | 350 | Ževakin, S. A. | 716 | Sen, N. R. | 1222 |
| Craya, A. | 351 | Filippova, L. A. | 795 | Binnie, A. M.-Phillips, O. M. | 1222 |
| Ellison, T. H. | 351 | Janssens, P. | 797 | Aksenov, A. P. | 1222 |
| | | Ghosh, K. M. | 798 | | |
| | | Lévy, R. | 798 | | |
| | | Sedov, L. I. | 898 | | |

FLUID MECHANICS, ACOUSTICS (Continued).

9. Compressible fluids: general theory.

| | | | | | |
|--------------------------------|-----|-----------------------------------------|------|-----------------------------------------|------|
| Godunov, S. K. | 37 | Gustafson, W. A.-v. Krzywoblocki, M. Z. | 604 | Hassan, H. A. | 1006 |
| Ovsyannikov, L. V. | 89 | Šcapov, N. M. | 605 | Koga, T. | 1006 |
| Keune, F. | 89 | Musatov, V. V. | 605 | Žunc, M. | 1006 |
| Berndt, S. B. | 89 | Hughes, W. F.-Osterle, J. F. | 605 | Lubowski, J. | 1006 |
| Hellman, O. | 95 | Jordan, P. F. | 605 | Szymański, Z. | 1006 |
| *Carafoli, E. | 203 | Aslanov, S. K. | 646 | Ogorodnikov, K. F. | 1100 |
| Finn, R. | 203 | Drake, D. G. | 703 | Kusukawa, K. | 1120 |
| Gilbarg, D. | 203 | Van Dyke, M. D. | 705 | Yang, Hsun-Tiao. | 1120 |
| Chen, Y. W. | 203 | Todeschini, B. | 705 | Gustafson, W. A.-v. Krzywoblocki, M. Z. | 1120 |
| Poritsky, H.-Powell, R. A. | 204 | Ness, N. | 705 | Liepmann, H. W. | 1121 |
| Taylor, G.-Saffman, P. G. | 204 | Mackie, A. G. | 705 | Roshko, A. | 1121 |
| Jabotinsky, E. | 205 | Fillimon, I. | 705 | Kočina, N. N. | 1121 |
| Bonder, J. | 205 | Bagdov, A. G. | 798 | Lidov, M. L. | 1143 |
| Krajewski, B. | 205 | Sedov, L. I. | 898 | Finn, R.-Gilbarg, D. | 1179 |
| Savulescu, S. | 205 | Keune, F. | 914 | Berry, J. G.-Reissner, E. | 1213 |
| *Sedov, L. I. | 346 | Ergun, A. N. | 914 | v. Krzywoblocki, M. Z. | 1222 |
| Cabannes, H. | 351 | Korobeinikov, V. P. | 914 | Hassan, H. A. | 1222 |
| Legendre, R. | 351 | Melnikova, N. S. | 914 | Shercliff, J. A. | 1222 |
| Yeh, Hsuan. | 351 | Andriankin, E. I. | 914 | van de Vooren, A. I. | 1222 |
| Lighthill, M. J. | 351 | Ryžov, O. S. | 914 | Ryžov, O. S. | 1222 |
| Žigulev, V. N. | 352 | Yakimov, Yu. L. | 1005 | Nazarov, G. I. | 1223 |
| Cerný, G. G. | 352 | Larish, E.-Shechtman, I. | 1005 | Fal'kovič, S. V. | 1223 |
| Ludford, G. S. S.-Schot, S. H. | 490 | Powell, J. B. L. | 1005 | | |
| Mazelsky, B. | 490 | Koga, T. | 1005 | | |
| Blahó, M. | 604 | Stanukovich, K. P. | 1006 | | |
| Faragó, T. | 604 | | | | |
| Sagomonyan, A. Ya. | 604 | | | | |
| Bagdov, A. G. | 604 | | | | |

10. Compressible fluids: subsonic flow.

| | | | | | |
|-------------------------------|-----|-------------------------------|-----|------------------------------|------|
| Bader, W. | 89 | Gurevič, M. I.-Haskind, M. D. | 705 | Jones, R. T.-Van Dyke, M. D. | 1006 |
| Runyan, H. L.-Woolston, D. S. | 89 | Thom, A.-Klanfer, L. | 705 | Yang, Hsun-Tiao. | 1006 |
| Dombrovskii, G. A. | 348 | Belova, A. V. | 796 | Lees, L. | 1006 |
| Kondo, K. | 490 | Gispert, H.-G. | 798 | Gispert, H.-G. | 1121 |
| Omara, M. A. | 605 | Woods, L. C. | 799 | Yih, Chia-Shun. | 1223 |
| Yoshihara, H. | 605 | Eckhaus, W. | 799 | Power, G.-Smith, P. | 1223 |
| | | Schubert, H.-Schincke, E. | 914 | | |

11. Compressible fluids: transonic flow.

| | | | | | |
|------------------------------|-----|--------------------------------|------|--------------------------------|------|
| Kusukawa, K. | 90 | Morioka, S. | 799 | Belotserkovsky, O. M. | 1121 |
| Spreiter, J. R.-Alkne, A. Y. | 205 | Helliwell, J. B.-Mackie, A. G. | 914 | Chushkin, P. I. | 1121 |
| Morawetz, C. S. | 490 | Aslanov, S. K. | 914 | Robacker, J. T.-Wheelon, A. D. | 1223 |
| Coupry, G. | 490 | Cuiskin, P. I. | 1006 | | |
| von Baranoff, A. | 706 | | | | |

12. Compressible fluids: supersonic and hypersonic flow.

| | | | | | |
|-----------------------------------|-----|-----------------------------------|-----|--------------------------------------|------|
| Drischler, J. A.-Diederich, F. W. | 87 | Grodzovskii, G. L. | 605 | Van Dyke, M. D. | 915 |
| Ferrari, C. | 88 | Černý, G. G. | 605 | Coburn, N. | 1006 |
| Cole, J. D. | 90 | Kadyrov, S. | 605 | Zienkiewicz, H. K. | 1006 |
| Powell, J. B. L. | 90 | Legendre, R. | 605 | Helliwell, J. B. | 1006 |
| Vallée, D. | 90 | Kogan, M. N. | 605 | Cheng, Sin-I. | 1006 |
| Nonweiler, T. | 322 | Bradley, J. C. | 606 | Fraenkel, L. E. | 1007 |
| Mangler, K. W. | 352 | Mangler, K. W. | 702 | Bender, P. L. | 1007 |
| Lighthill, M. J. | 352 | Lock, R. C. | 706 | Linnell, R. D. | 1007 |
| Todeschini, B. | 352 | Cox, R. N. | 706 | Murthy, S. N. B. | 1121 |
| *Dorfner, K.-R. | 352 | Yur'ev, I. M. | 706 | Handbook of supersonic aerodynamics. | 1121 |
| Kuo, Y. H. | 352 | Smygilevskii, Yu. D. | 799 | Kogan, A. | 1121 |
| Il'yusina, A. A. | 353 | Ferri, A.-Clarke, J. H.-Ting, Lu. | 799 | v. Krzywoblocki, M. Z. | 1220 |
| Kovácsnay, L. S. G. | 465 | Napolitano, L. G. | 799 | Germain, P. | 1223 |
| Hunter-Tod, J. H. | 491 | Ferri, A. | 799 | Li, Ting Yi. | 1223 |
| v. Krzywoblocki, M. Z. | 491 | Kubota, T. | 800 | Truitt, R. W. | 1223 |
| Meyer, R. E. | 491 | Kogan, M. N. | 800 | Ehlers, F. E. | 1223 |
| Carter, W. J. | 491 | Gadd, G. E. | 800 | Strand, T. | 1223 |
| Stetter, H. J. | 491 | Maslen, S. H.-Moockel, W. E. | 800 | Guiraud, J.-P. | 1223 |
| Lavrent'ev, M. M. | 556 | Ryhming, I. | 914 | Fennin, M.-Vallée, D. | 1224 |

13. Shock waves.

| | | | | | |
|-----------------|-----|-----------------------------|-----|----------------|-----|
| Ferrari, C. | 88 | Whitham, G. B. | 206 | Rogers, M. H. | 353 |
| Guéneau, P. | 90 | Pronak, W. | 206 | Chester, W. | 353 |
| Bouniol, F. | 90 | Lighthill, M. J. | 352 | Kuerti, G. | 353 |
| Heinz, C. | 90 | Godunov, S. K. | 353 | Faymon, K. | 353 |
| Müller, E.-A. | 91 | Žukov, A. I.-Každan, Ya. M. | 353 | Cerný, G. G. | 353 |
| Adamskii, V. B. | 206 | Hida, K. | 353 | Freeman, N. C. | 491 |
| Chisnell, R. F. | 206 | | | Alpher, R. A. | 491 |

FLUID MECHANICS, ACOUSTICS. (Continued).

13. Shock waves. (Continued).

| | | | | | |
|--------------------------|-----|---------------------|------|------------------------|------|
| Brillouin, J. | 492 | Austern, N.- | | Lal, Pyare- | |
| Grodzovskii, G. L. | 605 | Percus, J. K. | 800 | Bhatnagar, P. L. | 1008 |
| Cornyl, G. G. | 605 | Tsugé, S. | 800 | Belotserkovskii, O. M. | 1008 |
| Hurrell, H. G. | 605 | Payne, R. B. | 800 | v. Krzywoblocki, M. Z. | 1008 |
| Greber, L. | | Sedov, L. I. | 898 | Lordanskiĭ, S. V. | 1122 |
| Hakkinen, R. J. | | Rosizewski, J. | 915 | Černý, G. G. | 1122 |
| Trilling, L. | 605 | Rogers, M. H. | 915 | D'akov, S. P. | 1224 |
| Bradley, J. C. | 606 | Meyer, R. F. | 915 | Raizer, Iu. P. | 1224 |
| Sedov, L. I. | 706 | Korobeinikov, V. P. | 915 | Hristianović, S. A. | 1224 |
| Garabedian, P. R. | 706 | Powell, J. B. L. | 1005 | Thomas, T. Y. | 1224 |
| Lin, C. C. | 706 | Sakurai, A. | 1007 | Grib, A. A. | |
| Hain, K. | 706 | Jukes, J. D. | 1007 | Ryabinin, A. G. | |
| Sakurai, A. | 716 | Whitham, G. B. | 1007 | Hristianović, S. A. | 1224 |
| Gandel'man, G. M. | | Garabedian, P. R. | | Shafranov, V. D. | 1226 |
| Frank-Kamenetskii, D. A. | 717 | Lieberstein, H. M. | 1007 | Kaplan, S. A. | 1240 |
| | | Guiraud, J.-P. | 1008 | | |

14. Acoustics.

| | | | | | |
|-------------------|-----|-------------------|------|----------------------|------|
| Lyamsev, L. M. | 91 | Simon, R. | 716 | Meyer, E. | |
| Kraichnan, R. H. | 203 | Heaps, H. S. | 777 | Sessler, G. | 1009 |
| Potter, D. S. | | Huan Tun. | 789 | Fay, R. D. | 1009 |
| Murphy, S. R. | 207 | Paul, D. I. | 800 | Scheidegger, A. E. | 1090 |
| Maluzinec, G. D. | 207 | Jeffreys, H. | | Kubansky, P. N. | 1122 |
| Lysanov, Yu. P. | 207 | Lapwood, E. R. | 804 | Khaskind, M. D. | 1122 |
| Frederiksen, E. | 354 | Allred, J. C. | | Oestreich, H. L. | 1122 |
| Mattis, D. C. | 485 | Newhouse, A. | 882 | Wellis, C. P. | |
| Smith, P. W., Jr. | 491 | Westervelt, P. J. | 915 | Leitner, A. | 1122 |
| Heaps, H. S. | 492 | Rocard, Y. | 916 | Pekeris, C. L. | |
| Brillouin, J. | 492 | Lamb, G. L., Jr. | 916 | Longman, I. M. | 1224 |
| Hochstadt, H. | 492 | Boillet, P. | 1000 | Goldberg, Z. A. | 1225 |
| Maidanik, G. | 492 | Lamb, G. L., Jr. | 1008 | Jones, D. S. | |
| Boillet, P. | 497 | Olsen, H. | | Whitham, G. B. | 1225 |
| Mann-Nachbar, P. | 595 | Romberg, W. | | Narasimhan, M. N. L. | 1225 |
| Gaulard, M.-L. | 706 | Wergeland, H. | 1008 | | |
| Keller, J. B. | 707 | Lyamsev, L. M. | 1008 | | |
| Simons, S. | 707 | Rausenbah, B. V. | 1008 | | |
| | | Goldberg, Z. A. | 1008 | | |

15. Non-Newtonian fluids. Cf. Elasticity, plasticity 11.

| | | | | | |
|-------------------|-----|----------------------|-----|-------------------|------|
| Taylor, G. | | Bhatnagar, P. L. | | Stone, D. E. | 801 |
| Saffman, P. G. | 204 | Lakshmana Rao, S. K. | 606 | Rivlin, R. S. | 1009 |
| Jabotinsky, E. | 205 | Green, A. E. | | Eirich, F. R. | 1112 |
| Krasnikov, Yu. I. | 207 | Rivlin, R. S. | 800 | Yamamoto, M. | 1112 |
| Ziegler, H. | 484 | Ericksen, J. L. | 801 | Srivastava, A. C. | 1122 |
| | | | | Ericksen, J. L. | 1225 |

16. Magneto-hydrodynamics. Cf. Astronomy 7.

| | | | | | |
|-------------------|-----|--------------------|------|--------------------|------|
| Taylor, R. J. | 91 | Nardini, R. | 707 | Pai, S. I. | 1123 |
| Brittin, W. E. | 190 | Chandrasekhar, S. | 717 | Trehan, S. K. | 1123 |
| Talwar, S. P. | | | | Neuringer, J. L. | |
| Abbi, S. S. | 207 | Talwar, S. P. | 717 | McIlroy, W. | 1123 |
| Sykes, J. | 207 | Margenau, H. | 786 | Carlini, G. | 1123 |
| Stewartson, K. | 354 | Chester, W. | 801 | Kemp, N. H. | 1123 |
| Nardini, R. | 354 | Nardini, R. | 801 | Trehan, S. K. | 1125 |
| Pai, Shih-I. | 354 | Prakash, S. rya- | | Auluck, F. C. | |
| Crausse, E. | | Tandon, J. N. | 801 | Kothari, D. S. | 1143 |
| Poirier, Y. | 354 | Sturrock, P. A. | 804 | Javorskaya, I. M. | 1143 |
| Richter, E. | 354 | Möglich, F. | 810 | Piddington, J. H. | 1225 |
| Stix, T. H. | 492 | Prendergast, K. H. | 927 | Khalatnikov, I. M. | 1225 |
| Stewartson, K. | 492 | Bernstein, I. B. | | Agostinelli, C. | 1226 |
| Abbi, S. S. | | Frieman, E. A. | | Resler, E. L., Jr. | |
| Chandra, R. | 493 | Kruskal, M. D. | | Sears, W. R. | 1226 |
| Stekete, J. A. | 606 | Kulsrud, R. M. | 1009 | Shafranov, V. D. | 1226 |
| Chandrasekhar, S. | | Bernstein, I. B. | 1010 | Kihara, T. | 1226 |
| Kendall, P. C. | 606 | Ferraro, V. C. A. | | Ohkawa, T. | |
| Carini, G. | 707 | Plumpton, C. | 1022 | Kihara, T. | 1227 |
| Kahn, F. D. | 707 | | | Pickelner, S. B. | 1240 |
| Rikitake, T. | 707 | | | Jaggi, R. K. | 1240 |
| Cabannes, H. | 707 | | | | |

17. Diffusion, filtration.

| | | | | | |
|--------------------|-----|--------------------|----------|-------------------|-----|
| Crank, J. | 66 | Kidder, R. E. | 493 | Le Méhauté, B. | 707 |
| Janoosy, L. | 91 | Fil'čakov, P. F. | 538, 539 | Fortak, H. | 708 |
| Scheidegger, A. R. | 208 | Beran, M. J. | 705 | Aver'yanov, S. F. | |
| Wooding, R. A. | 208 | Monin, A. S. | | Cyl, Sin-E. | 916 |
| Barenblatt, G. I. | 208 | Razumova, S. V. | | Cickivili, A. R. | 916 |
| Batschelet, E. | | Sretenskaya, V. N. | 707 | Jain, S. C. | 916 |
| Grün, F. | 323 | Parsons, D. H. | 917 | DiPrima, R. C. | 917 |
| Philip, J. R. | 354 | Matveenko, T. I. | 707 | Kalašnikov, A. S. | 917 |

FLUID MECHANICS, ACOUSTICS (Continued).

17. Diffusion, filtration. (Continued).

| | | | | | |
|------------------|-----|------------------|------|-----------------|------|
| Duhin, S. S. | | Kidder, R. E. | 1123 | Heinrich, G. | |
| Deryagin, B. V. | 928 | Mikhailov, G. K. | 1123 | Desoyer, K. | 1227 |
| Paria, Gunadhar. | 996 | Oroveanu, T. | 1227 | Golovan', V. M. | 1227 |

FORMS. See Differential geometry 3; Harmonic functions 5; Linear algebra 1, 5; Polynomials; Theory of numbers: general 8.

FOUNDATIONS, THEORY OF SETS, LOGIC. Cf. Computing machines 1; Partial order 2; Universal algebra.

| | | | | | |
|----------------|---|---------------|-----|------------|-----|
| *Boole, G. | 1 | Mostowski, A. | 237 | Scholz, H. | 722 |
| *Kleene, S. C. | 2 | | | | |

1. Philosophy of mathematics and physics. Cf. History, biography; Probability 1.

| | | | | | |
|-------------------|-----|---------------------------|-----|--------------------|------|
| Le Page, T. H. | 1 | Luszczewska-Romahnowa, S. | | Beth, E. W. | 625 |
| *Wittgenstein, L. | 1 | | | Mostowski, A. | 722 |
| Narlikar, V. V. | 110 | | | da Costa, N. C. A. | 1031 |
| Henkin, L. | 111 | Czerwiński, Z. | 237 | Stegmüller, W. | 1031 |
| Reidemeister, K. | 237 | Bohm, D. | 361 | Levi, B. | 1151 |
| | | Koopman, B. O. | 610 | | |

2. Foundations of mathematics, axiomatics. Cf. Geometries, Euclidean and other 1; Probability 1.

| | | | | | |
|-----------------|-----|--------------------|-----|-----------------|------|
| Grosheide F. W. | | Zubieta R., G. | 240 | Ehrenfeucht, A. | 933 |
| zn, G. H. A. | 1 | Rožanskaya, Yu. A. | 377 | Klaau, D. | 933 |
| Ladrière, J. | 2 | | | Krasner, M. | 935 |
| Pap, A. | 2 | Putnam, H. | 626 | Levi, F. W. | 1036 |
| Bini, U. | 53 | Geach, P. T. | 723 | Dingler, H. | 1151 |
| Rasiowa, H. | 111 | *Nidditch, P. H. | 723 | | |

3. Intuitionism.

| | | | | | |
|------------------|-----|------------------|-----|--------------|------|
| Uspenskiĭ, V. A. | 2 | Reidemeister, K. | 237 | Kreisel, G. | |
| Kanger, S. | 3 | Goodstein, R. L. | 378 | Putnam, H. | 934 |
| Sanin, N. A. | 4 | Beth, E. W. | 625 | Schröter, K. | 1151 |
| Rasiowa, H. | 111 | Grzegorzczak, A. | 723 | | |

4. Set theory. Cf. Measure, integration; Partial order; Topology: general.

| | | | | | |
|--------------------|-----|-------------------|-----|------------------|------|
| Rice, H. G. | 3 | Wylor, O. | 377 | Devidé, V. | 1031 |
| *Vasilache, S. | 5 | Schmidt, J. | 377 | Dekker, T. J. | |
| *Hausdorff, F. | 111 | Ginsburg, S. | 377 | de Groot, J. | 1068 |
| Lorenzen, P. | 111 | Lyapunov, A. A. | 521 | Dekker, T. J. | 1068 |
| Barkley Rosser, J. | 111 | Specker, E. | 521 | Viola, T. | 1068 |
| Quine, W. V. | 112 | Lévy, A. | 626 | Mrowka, S. | 1068 |
| Takeuti, G. | 237 | Svarc, A. S. | 668 | Weston, J. D. | 1151 |
| Schmidt, J. | 377 | Shoenfield, J. R. | 723 | Erdős, P. | |
| Callahan, F. P. | | *Nidditch, P. H. | 723 | Fodor, G. | 1152 |
| Kneale, S. G. | 377 | Takeuti, G. | 829 | de Bruijn, N. G. | 1152 |
| Sierpinski, W. | 377 | Kozlova, Z. I. | 829 | Bruno, G. | 1152 |
| | | Skolem, T. | 933 | Wagner, K. | 1152 |

5. Problem of the continuum.

| | | | | | |
|----------------|-----|-----------------|-----|--------------|------|
| Sierpinski, W. | 4 | *Sierpiński, W. | 829 | Hajnal, A. | 1031 |
| Lévy, A. | 626 | Eyraud, H. | 829 | de Vries, H. | 1069 |

6. Transfinite numbers.

| | | | | | |
|----------------|-----|--------------|-----|----------------|------|
| Noguera | | Takeuti, G. | 237 | Kozlova, Z. I. | 829 |
| Barreche, R. | 4 | Schmidt, J. | 377 | Eyraud, H. | 829 |
| Rudin, M. E. | 4 | Ginsburg, S. | 377 | Nikodym, O. M. | |
| *Hausdorff, F. | 111 | Specker, E. | 521 | Nikodym, S. | 1031 |
| Fraïssé, R. | 111 | Papić, P. | 758 | Bosch, J. E. | 1031 |

7. Relations.

| | | | | | |
|----------------|-----|--------------|-----|----------------|------|
| Shapiro, N. | 2 | Ginsburg, S. | 377 | Steiner, H. G. | 1152 |
| Fraïssé, R. | 111 | Fraïssé, R. | 829 | Ono, K. | 1152 |
| Richardson, M. | 237 | | | | |

8. Syntax, semantics, formal methods in general, recursive functions. Cf. Computing machines 1; Groups and generalizations 1; Universal algebra.

| | | | | | |
|------------------|----------|-------------------|-----|-------------------|-----|
| *Carroll, L. | 1 | Fitch, F. B. | 237 | Eichholz, T. | 522 |
| Uspenskiĭ, V. A. | 2 | Grzegorzczak, A. | 238 | Lacombe, D. | 521 |
| Rice, H. G. | 3 | Kleene, S. C. | 238 | Beth, E. W. | 625 |
| *Sominski, I. S. | 4 | Meschkowski, H. | 238 | Thomas, I. | 626 |
| Henkin, L. | 111 | Mostowski, A. | 238 | Shoenfield, J. R. | 723 |
| Quine, W. V. | 112 | Church, A. | 239 | Grzegorzczak, A. | 723 |
| Rasiowa, H. | 112 | Kanger, S. | 239 | *Nidditch, P. H. | 723 |
| Halmos, P. R. | 112, 113 | Goodstein, R. L. | 378 | Loś, J. | 724 |
| Galler, B. A. | 113 | Lorenzen, P. | 521 | Loś, J. | 724 |
| Copeland, A. H. | | Kreisel, G. | | Susko, R. | 724 |
| Sr. | 113 | Lacombe, D. | | Smulian, R. M. | 830 |
| Adyan, S. I. | 117 | Shoenfield, J. R. | 521 | Hartig, K. | 933 |
| Kalmár, L. | 237 | | | | |

FOUNDATIONS, THEORY OF SETS, LOGIC. (Continued).

8. Syntax, semantics, recursive functions. (Continued).

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|----------------|-----|-------------------|-----|------------------|------|
| Klaauw, D. | 933 | Specker, E. | 934 | Stegmüller, W. | 1031 |
| Mostowski, A. | 934 | Lightstone, A. H. | | Uspenskij, V. A. | 1032 |
| Addison, J. W. | | | | Montague, R. | |
| Kleene, S. C. | 934 | Robinson, A. | 934 | Kalish, D. | 1032 |

9. Logical calculi, many-valued, modal.

| | | | | | |
|----------------------|----------|-----------------|-----|----------------|------|
| *Chauvineau, J. | 1 | Borkowski, L. | 240 | Rose, A. | 626 |
| *Goodstein, R. L. | 1 | McNaughton, R. | 240 | Porte, J. | 626 |
| Barker, C. C. H. | 3 | Mostowski, A. | 240 | Hailperin, T. | 626 |
| Kalicki, J. | 3 | Zubieta R., G. | 240 | Loá, J. | 724 |
| Kanger, S. | 3 | Rasiowa, H. | | Montague, R. | |
| Schütte, K. | 3 | Sikowski, R. | 240 | Kalish, D. | 724 |
| Thiele, H. | 3 | Rieger, L. | 378 | Mostowski, A. | 724 |
| Takeuti, G. | 4 | Rasiowa, H. | | Schmidt, H. A. | 724 |
| Sanin, N. A. | 4 | Mostowski, A. | 378 | Takeuti, G. | 829 |
| Henkin, L. | 4 | Wright, F. B. | 378 | Bočvar, D. A. | 830 |
| Ehrenfeucht, A. | 4 | Rose, T. A. | 378 | Sikorski, R. | 830 |
| Rasiowa, H. | 111, 112 | Eichholz, T. | 522 | Halmos, P. R. | 830 |
| Halmos, P. R. | 112, 113 | Beth, E. W. | 625 | Kanger, S. | 831 |
| Galler, B. A. | 113 | Iseki, K. | 626 | Specker, E. | 934 |
| Copeland, A. H., Sr. | 113 | Lemmon, E. J. | | Kreisel, G. | |
| Popovici, C. P. | 235 | Meredith, C. A. | | Putnam, H. | 934 |
| Kubiński, T. | 239 | Meredith, D. | | Cuesta, N. | 1032 |
| Kanger, S. | 239 | Prior, A. N. | | Rasiowa, H. | 1032 |
| Rose, A. | 239 | Thomas, I. | 626 | Novikov, P. S. | 1158 |

10. Applications of logic. Cf. Computing machines 1; Control systems 2.

| | | | | | |
|---------------|-----|-------------------|------|-------------------|------|
| Adyan, S. I. | 117 | Svarc, A. S. | 668 | Robinson, A. | 1032 |
| Lee, C. Y. | | Hoering, W. | 831 | Dunham, B. | 1147 |
| Chen, W. H. | 235 | Lightstone, A. H. | | Gautam, N. D. | 1152 |
| Markov, A. A. | 240 | Robinson, A. | 934 | Culbertson, J. T. | 1200 |
| Moisil, G. C. | 376 | Schneider, H. | 1032 | | |

FOUR-COLOR PROBLEM. See Topology: algebraic 11.

FOURIER ANALYSIS ON GROUPS. See Topological groups; Topological vector spaces 11.

FOURIER INTEGRALS. See Integral transforms 2; Numerical methods 17; Topological groups; Trigonometric series 7.

FOURIER SERIES. Cf. Numerical methods 4, 17; Trigonometric series.

FRACTIONAL DIFFERENTIATION AND INTEGRATION. See Integral transforms.

FREE GROUPS. See Groups and generalizations 1.

FREE PRODUCTS. See Groups and generalizations 1; Universal algebra.

FREQUENCY FUNCTIONS. See Statistics.

FUNCTION FIELDS. See Algebraic geometry 8; Algebraic numbers; Fields, rings; Theory of numbers: analytic 1.

FUNCTION SPACES. See Functions of complex variables; Topological vector spaces; Topology: algebraic.

FUNCTIONAL ANALYSIS. See Approximations and expansions; Differential equations: ordinary; Differential equations: partial; Integral equations; Numerical analysis; Topological vector spaces.

FUNCTIONAL EQUATIONS. See Difference equations 3.

FUNCTIONS OF COMPLEX VARIABLES. Cf. Approximations and expansions; Integral transforms; Sequences, series; Special functions; Theory of numbers: analytic; Trigonometric series.

| | | | | | |
|------------|-----|---------------|-----|-----------------|------|
| *Knopp, K. | 22 | *Gigueaux, M. | | *Golusin, G. M. | 735 |
| *Leja, F. | 641 | Oudart, A. | 735 | Turán, P. | 1039 |
| | | *Dienes, P. | 735 | | |

1. Foundations.

| | | | |
|---------------------|----------|------------|------|
| Trochimčuk, Yu. Yu. | 257, 537 | Menger, K. | 1043 |
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FUNCTIONS OF COMPLEX VARIABLES. (Continued).

2. Quasi-conformal functions. Cf. Differential equations: partial; Topology: general 8.

| | | | | | |
|-----------------|-----|------------------|----------|----------------|-----|
| Beurling, A. | | Bilimović, A. | 537 | Künzi, H. | |
| Ahlfors, L. | 258 | Belinskii, P. P. | 538 | Wittich, H. | 845 |
| Pesin, I. N. | 258 | Mihailov, L. G. | 552 | Bers, L. | 861 |
| Yûjôbô, Z. | 258 | Danilyuk, I. I. | | Dressel, F. G. | |
| Danilyuk, I. I. | 260 | | 552, 553 | Gergen, J. J. | 962 |

3. Generalizations. Cf. Topological vector spaces.

| | | | | | |
|-----------------|-----|-----------------------|-----|-----------------|----------|
| Rizza, G. B. | 128 | Sebastião e Silva, J. | 432 | Amato, V. | 537 |
| Nedelcu, M. | 257 | | | Danilyuk, I. I. | |
| Danilyuk, I. I. | 260 | Shimoda, I. | | | 552, 553 |
| Maass, H. | 264 | Watanabe, T. | | Landis, E. M. | 553 |
| Krasner, M. | 395 | Terai, M. | 434 | Süraç, S. | 641 |
| Morev, I. A. | 400 | Shimoda, I. | 434 | Mişicu, M. | 996 |
| | | Bilimović, A. | 537 | | |
| | | Morev, I. A. | 537 | | |

4. Power series. Cf. Sequences, series 2.

| | | | | | |
|-----------------------|-----|-----------------|-----|----------------------|------|
| Springer, G. | 22 | Moser, L. | | Smith, R. C. T. | 739 |
| Frame, J. S. | 22 | Wyman, M. | 268 | Macintyre, A. J. | 844 |
| Artémiadis, N. K. | 22 | Komatu, Y. | 404 | Krasnoščekova, T. I. | |
| Bagemihl, F. | 22 | Rényi, C. | 539 | | 845 |
| Fuchs, W. H. J. | 128 | Mahler, K. | 641 | Roux, D. | 948 |
| Matthies, K. | 128 | Evgrafov, M. A. | 642 | Erdős, P. | 1045 |
| van der Corput, J. G. | 136 | Daivovitch, V. | 735 | Gaier, D. | 1048 |
| Ricci, G. | 257 | Noble, M. E. | 736 | Weiner, L. M. | |
| | | Orts, J. M. | 738 | Porcelli, P. | 1169 |
| | | Kar'min, Yu. A. | 738 | | |

5. Zeros. Cf. Polynomials 1.

| | | | | | |
|--------------------|-----|-------------------|------|----------------|-----|
| Jankowski, W. | 22 | Parodi, M. | 401 | Perry, R. L. | 846 |
| Liverman, T. P. G. | 128 | Levin, B. Ya. | 402 | Chao, F. H. | 883 |
| Parodi, M. | 242 | Edrei, A. | | Cowling, V. F. | |
| Kulik, S. | 257 | MacLane, G. R. | 403 | Thron, W. J. | 948 |
| Barrett, W. | 322 | Zervos, S. | | | 948 |
| Parodi, M. | 379 | Fekete, M. | | | |
| Turán, P. | 397 | Walsh, J. L. | 1045 | | |
| Perry, R. L. | 400 | Parodi, M. | 1154 | | |
| Specht, W. | 400 | Pontryagin, L. S. | 1169 | | |
| | | | | | |

6. Singularities.

| | | | | | |
|---------------|-----|--------------|-----|-----------|------|
| Bagemihl, F. | 129 | Kreyszig, E. | 282 | Roux, D. | 948 |
| Lenze, J. | 257 | Delange, H. | 413 | Erdős, P. | 1045 |
| Ivanov, V. K. | 261 | | | | |

7. Analytic continuation, overconvergence.

| | | | |
|-------------|-----|--------------|-----|
| Krasner, M. | 395 | Noble, M. E. | 736 |
|-------------|-----|--------------|-----|

8. Cauchy integral. Cf. Integral equations 2.

| | | | | | |
|-------------------|-----|------------------|-----|-------------------|------|
| Ul'yanov, P. L. | 22 | Čikin, L. A. | 540 | Vekua, N. P. | 540 |
| Delange, H. | 23 | Gahov, F. D. | | Hvedelidze, B. V. | 558 |
| Čebotarev, G. N. | 540 | Krikunov, Yu. M. | 540 | Ul'yanov, P. L. | 742 |
| Hvedelidze, B. V. | 540 | | | Macintyre, A. J. | 1043 |

9. Maximum principles, Schwarz lemma, Phragmén-Lindelöf theorem.

| | | | | | |
|--------------------|-----|-------------------|-----|--------------|------|
| R.-Salinas, B. | 129 | Rao, K. | | Uluçay, C. | 736 |
| Schieferdecker, E. | 295 | Narasimha Murthy. | 736 | Reade, M. O. | 739 |
| Abe, H. | 401 | Biernacki, M. | | Künzi, H. | |
| Redheffer, R. M. | 405 | Krzyż, J. | 736 | Wittich, H. | 845 |
| | | | | Clunie, J. | 1169 |

10. Conformal mapping: general.

| | | | | | |
|----------------|-----|------------------|-----|-----------------|------|
| Gahov, F. D. | 23 | Kuvaev, M. P. | | Lewandowski, Z. | 738 |
| Beurling, A. | | Kufarev, P. P. | 401 | Grötzsch, H. | 845 |
| Ahlfors, L. | 258 | Hayman, W. K. | 404 | Ahlfors, L. V. | 845 |
| Pesin, I. N. | 258 | Belinskii, P. P. | 538 | Heins, M. | 949 |
| Heinhold, J. | 401 | Čikin, L. A. | 540 | Unkelbach, H. | 1043 |
| Bieberbach, L. | 401 | Šabat, B. V. | 553 | Albrecht, R. | 1169 |
| | | Leja, F. | 645 | | |

11. Conformal mapping: special problems. Cf. Fluid mechanics 3.

| | | | | | |
|------------------|-----|----------------|----------|---------------------|------|
| Egorov, P. M. | 23 | Davis, P. | 268 | Uluçay, C. | 736 |
| Jenkins, J. A. | 25 | Grunsky, H. | 538 | Koritsky, G. V. | 845 |
| Wu, T. Yao-tsu. | 86 | Jenkins, J. A. | 538 | Komatu, Y. | 845 |
| Flett, T. M. | 129 | Fičákov, P. F. | | Pergamenceva, E. D. | |
| Koehler, F. | 158 | | 538, 539 | | 949 |
| Siryk, G. V. | 258 | Huber, A. | 573 | Komatu, Y. | 949 |
| Biernacki, S. D. | 258 | Biernacki, M. | | Miglian, M. G. | 963 |
| Vertgeim, B. A. | 267 | Krzyż, J. | 736 | Stallmann, F. | 1043 |

FUNCTIONS OF COMPLEX VARIABLES. (Continued).

12. Riemann surfaces and functions on them. Cf. Algebraic geometry 3; Complex manifolds; Harmonic functions.

| | | | | | |
|-----------------|-----|--------------------|----------|----------------|------------|
| Călugăreanu, G. | 23 | Denjoy, A. | 401, 402 | Jenkins, J. A. | 845 |
| Cazacu, C. A. | 23 | Volkovyskiĭ, L. I. | 539 | Ahlfors, L. V. | 845 |
| Kuramochi, Z. | 23 | af Hällström, G. | 539 | Sario, L. | 846 |
| Lambin, N. V. | 23 | Kuramochi, Z. | 641 | Kusunoki, Y. | 846 |
| Telesman, C. | 61 | Uluçay, C. | 736 | Heins, M. | 949 |
| Oikawa, K. | 258 | Sario, L. | 736 | Seibert, P. | 949 |
| Sörensen, W. | | Antoniuk, G. K. | 736 | Tsuji, M. | 1043, 1044 |
| Bader, R. | 259 | Royden, H. L. | 737 | Mizumoto, H. | 1044 |
| Ozawa, M. | 259 | Ohtsuka, M. | 737 | Jurchescu, M. | 1044 |
| Myrberg, P. J. | 263 | Eichler, M. | 740 | *Springer, G. | 1169 |
| Röhrli, H. | 274 | Künzi, H. | | Rankin, R. A. | 1172 |
| Tsuji, M. | 401 | Wittich, H. | 845 | | |

13. Entire functions.

| | | | | | |
|--------------------|-----|-------------------|-----|------------------|------|
| Babenko, K. I. | 20 | Ålander, M. | 288 | *Evgrafov, M. A. | 642 |
| Leont'ev, A. F. | 23 | Perry, R. L. | 400 | Ibragimov, I. I. | 737 |
| Stein, E. M. | 23 | Maude, R. | 402 | Shah, S. M. | 737 |
| Boas, R. P., Jr. | 24 | *Levin, B. Ya. | 402 | Falgas, M. | 737 |
| Rahman, Q. | | Edrei, A. | | Künzi, H. | |
| Qazi Ibadur. | 129 | MacLane, G. R. | 403 | Wittich, H. | 845 |
| Srivastav, R. P. | 129 | Kovári, T. | 403 | Perry, R. L. | 846 |
| Džrbasyan, M. M. | 138 | Crum, M. M. | 403 | Wilson, R. | 949 |
| Clunie, J. | 259 | Rabinovič, Yu. L. | 403 | Kaplan, W. | 1044 |
| Arsove, M. G. | 259 | Yu. L. | 403 | Barry, P. D. | 1044 |
| Mikhail, M. N. | 259 | Erdős, P. | | Boas, R. P., Jr. | 1062 |
| Séminaire Schwartz | | Rényi, A. | 539 | Boas, R. P., Jr. | |
| 1954-1955. | 279 | Rényi, C. | 539 | Schaeffer, A. C. | 1170 |
| | | Džrbasyan, M. M. | 539 | Gaier, D. | 1170 |
| | | Iyer, V. | | | |
| | | Ganapathy. | 642 | | |

14. Meromorphic functions.

| | | | | | |
|-----------------|----------|------------------|-----|--------------------|------|
| Remmert, R. | 171 | af Hällström, G. | 539 | Goldberg, A. A. | 950 |
| Mikhail, M. N. | 259 | Dinghas, A. | 539 | Okuda, H. | |
| Röhrli, H. | 274 | Malliavin, P. | 642 | Sakai, E. | 951 |
| Séminaire, A. | 298 | Biernacki, M. | 642 | Sakai, E. | 951 |
| Seibert, P. | 403 | Royden, H. L. | 737 | Constantinescu, C. | 1044 |
| Lehto, O. | | Shah, S. M. | 737 | Hiong, King-Lai. | 1170 |
| Virtanen, K. I. | 403, 404 | Erwe, F. | 949 | | |
| | | Seibert, P. | 949 | | |

15. Distribution of values, Nevanlinna theory.

| | | | | | |
|------------------|----------|---------------|-----|------------------|------|
| Hiong, King-Lai. | 24 | Wittich, H. | 415 | Goldberg, A. A. | 737 |
| Schubart, H. | | Biernacki, M. | 642 | Hiong, King-Lai. | 950 |
| Wittich, H. | 24 | Ohtsuka, M. | 737 | König, H. | 1045 |
| Hiong, King-Lai. | 129, 130 | Shah, S. M. | 737 | Noshiro, K. | 1171 |

16. Behavior on the boundary. Cf. Harmonic functions 2.

| | | | | | |
|-------------------|-----|-----------------|-----|--------------------|------|
| Bagemihl, F. | 22 | Batyrev, A. V. | 259 | Yurchenko, A. K. | |
| Pogorzelski, W. | 24 | Davis, P. | 268 | Dunduchenko, L. E. | 846 |
| Bagemihl, F. | 129 | Noble, M. E. | 413 | L. E. | 846 |
| Flett, T. M. | 129 | Daivovitch, V. | 539 | Potapov, M. K. | 847 |
| Tanaka, C. | 130 | Mihallov, L. G. | 552 | Lohwater, A. J. | |
| Artemiadis, N. K. | 130 | Rudin, W. | 641 | Piranian, G. | 950 |
| Gehring, F. W. | 131 | Davydov, N. A. | 642 | Erdős, P. | 1045 |
| Ricci, G. | 257 | | | Tanaka, C. | 1171 |

17. Univalent and p -valent functions.

| | | | | | |
|--------------------|-----|--------------------|-----|------------------|------|
| Dunduchenko, L. E. | 25 | Reade, M. O. | 642 | Umezawa, T. | 846 |
| Jenkins, J. A. | 25 | Strelie, S. I. | 643 | Terzioğlu, A. N. | |
| Artemiadis, N. K. | 130 | Kung Sun. | 738 | Kahraman, S. | 846 |
| Goodman, A. W. | 260 | Shlonsky, H. G. | 738 | Komatu, Y. | 949 |
| Hayman, W. K. | 404 | Lewandowski, Z. | 738 | Miki, Y. | 951 |
| Komatu, Y. | 404 | Koritsky, G. V. | 845 | Lebedev, N. A. | 951 |
| Kufarev, P. P. | 404 | Yurchenko, A. K. | | Gabriel, R. F. | 1045 |
| Bernardi, S. D. | 539 | Dunduchenko, L. E. | 846 | Ozawa, M. | 1045 |
| Biernacki, M. | 540 | | | Oikawa, K. | 1045 |

18. Bounded functions, functions with positive real part, etc.

| | | | | | |
|--------------|-----|-------------------|-----|-----------------|------|
| Korányi, A. | 126 | Rao, K. Narasimha | | Bonami, A. A. | 847 |
| Tanaka, C. | 130 | Murthy. | 736 | Tumarkin, G. C. | 847 |
| Sz. Nagy, B. | | | | Pokalo, A. K. | 1171 |
| Korányi, A. | 296 | | | | |

19. Iteration. Cf. Numerical methods 1.

| | | | |
|--------------|-----|-------------|-----|
| Osserman, R. | 288 | *Montel, P. | 427 |
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20. Normal families.

| | | | |
|------------------|-----|----------------------|-----|
| Hiong, King-Lai. | 130 | Krasnoščekova, T. I. | 845 |
|------------------|-----|----------------------|-----|

FUNCTIONS OF COMPLEX VARIABLES. (Continued).

21. Expansion in series of polynomials and other special functions. Cf. Approximations and expansions; Special functions.

| | | | | | |
|---------------|-----|-------------------|-----|----------------------|------|
| Eweida, M. T. | 130 | Džrbasyan, M. M. | 539 | Tietz, H. | 1045 |
| Arsove, M. G. | 259 | Orta, J. M. | 738 | Krasnoščekova, T. I. | 1171 |
| Halim, E. | 260 | Geronimus, Ya. L. | 738 | Eweida, M. T. | 1171 |
| Levin, B. Ya. | 402 | Kas'min, Yu. A. | 738 | | |
| Rényi, C. | 539 | | | | |

22. Continued fractions. Cf. Geometry of numbers 1.

| | | | | | |
|------------|-----|----------------|-----|------------|-----|
| Perron, O. | 25 | Shenton, L. R. | 410 | Montel, P. | 427 |
| *Frank, E. | 253 | | | | |

23. Complex interpolation and approximation. Cf. Approximations and expansions; Numerical methods 3; Trigonometric series.

| | | | | | |
|------------------|-----|-----------------|-----|-----------------|------|
| Haplanov, M. G. | 136 | Leont'ev, A. F. | 643 | Soloviev, A. D. | 847 |
| Džrbasyan, M. M. | 138 | Kas'min, Yu. A. | 648 | Fekete, M. | |
| Rémès, E. J. | 544 | Timan, A. F. | 732 | Walsh, J. L. | 1045 |
| Tumarkin, G. C. | 545 | Timan, M. F. | 732 | Makar, R. H. | |
| Salzer, H. E. | 581 | Evgrafov, M. A. | 738 | Mikhail, M. N. | 1046 |
| Kakehashi, T. | 643 | Soloviev, A. D. | 738 | Mikhail, M. N. | 1046 |
| Motzkín, T. S. | | Sario, L. | 846 | Meschkowski, H. | 1046 |
| Walsh, J. L. | 643 | Tumarkin, G. C. | 847 | | |

24. Functions of several complex variables. Cf. Complex manifolds.

| | | | | | |
|------------------|-----|-------------------|-----|-------------------|------|
| Stein, E. M. | 23 | Klingen, H. | 404 | Kaizuka, T. | 644 |
| Temlyakov, A. A. | 25 | Remmert, R. | 456 | Eremine, S. A. | 649 |
| Eremine, S. A. | 26 | Stein, K. | 456 | Kozmanova, A. A. | 738 |
| Eliauu, I. P. | 26 | Grauert, H. | 456 | Smith, R. C. T. | 739 |
| Wintner, A. | 130 | Remmert, R. | 456 | Rothstein, W. | 766 |
| *Behne, H. | 170 | Morev, I. A. | 537 | Evgrafov, M. A. | |
| Remmert, R. | 170 | Džrbasyan, M. M. | 539 | Soloviev, A. D. | 847 |
| Remmert, R. | 171 | Morita, K. | 541 | Ono, I. | 847 |
| Dolbeault, P. | 171 | Bremermann, H. J. | 567 | Potapov, M. K. | 847 |
| Arens, R. | 260 | Séminaire, A. | | Bremermann, H. J. | 890 |
| Hua, Loo-Keng. | 260 | Cartan, E. | 577 | Okuda, H. | |
| Gundlach, K.-B. | 260 | 1953-1954. | 577 | Sakai, E. | 951 |
| Danilyuk, I. I. | 260 | Look, K. H. | 644 | Sakai, E. | 951 |
| Rauch, H. E. | 261 | Litvinčuk, G. S. | 644 | Ono, I. | 951 |
| Dalla Volta, V. | 314 | Haplanov, M. G. | 644 | Rothstein, W. | 951 |
| Griesel, H. | 314 | Evgrafov, M. A. | 644 | Hall, D. | |
| Holmann, H. | 317 | Sakaguchi, K. | 644 | Wightman, A. S. | 1134 |
| Grauert, H. | 317 | | | Thim, W. | 1171 |
| Remmert, R. | 317 | | | | |
| Morev, I. A. | 400 | | | | |
| Maude, R. | 402 | | | | |

FUNCTIONS OF REAL VARIABLES. Cf. Harmonic functions 6; Integral transforms; Measure, integration; Special functions; Topological vector spaces; Trigonometric series.

| | | | | | |
|----------------|-----|-----------------|-----|---------------|-----|
| *Miller, K. S. | 253 | Evgrafov, M. A. | 642 | *Sikorski, R. | 945 |
| Apostol, T. M. | 398 | Klaus, D. | 933 | | |

1. One real variable.

| | | | | | |
|---------------------|-----|-----------------|-----|------------------|------|
| Iosifescu, M. | 19 | Baiada, E. | 412 | Brudnyi, Yu. A. | 733 |
| Ford, L. R. | 48 | Ottaviani, G. | 461 | Flett, T. M. | 733 |
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| Kirschner, G. | 12 | *Lugowski, H. | | *Zassenhaus, H. J. | 939 |
| Karrer, G. | 114 | Weinert, H. J. | 728 | *Miller, K. S. | 1033 |
| *Coxeter, H. S. M. | | Lightstone, A. H. | | Levi, F. W. | 1036 |
| Moser, W. O. J. | 527 | Robinson, A. | 934 | Fröhlich, A. | 1156 |

1. Group theoretic constructions, free groups, extensions. Cf. Foundations 8; Homological algebra; Topology: algebraic 6; Universal algebra.

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| Chen, Kuo-Taai. | 12 | Solian, A. | 116 | Karras, A. | |
| Lyahovickil, V. N. | 12 | Gerstenhaber, M. | 116 | Solitar, D. | 248 |
| Baer, R. | 12 | Taylor, R. L. | 118 | Benado, M. | 248, 385 |
| | | McCoy, N. H. | 246 | | |

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| Gruenberg, K. W. | 386 | Benado, M. | 528 | Kargapolov, M. I. | 728 |
| Séminaire Dubreil-Pisot, 1955-56. | 522 | Loonstra, F. | 528 | Ree, Rimbak. | 836 |
| Schützenberger, M.-P. | 528 | Neumann, B. H. | 632 | Berman, S. D.-V. V. | 940 |
| | | Fuchs, L. | 633 | Lyubimov, V. V. | 1036 |
| | | Goldberg, K. | 633 | Grün, O. | 1158 |
| | | Newman, M. | 633 | Novikov, P. S. | |
| | | Crouch, R. B.-Scott, W. R. | 728 | | |

2. Abelian groups.

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| Fuchs, L.-Kertész, A.-Szele, T. | 12 | Séminaire Dubreil-Pisot, 1955-56. | 522 | Balcerzyk, S. | 632 |
| Jaffard, P. | 115 | Kantz, G. | 528 | Sasiada, E. | 632 |
| Pic, G. | 117 | Ree, Rimbak. | 836 | Fuchs, L. | 633, 728 |
| Charles, B. | 117 | Honda, K. | 528 | Ree, Rimbak. | 836 |
| Gravett, K. A. H. | 385 | Sands, A. D. | 529 | Fuchs, L. | 938 |
| Banaschewski, B. | 385 | Los, J. | 632 | Schwarz, S. | 940 |
| Tannaka, T. | 390 | | | Dlab, V. | 1158 |

3. Nilpotent and solvable groups.

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| Chen, Kuo-Tsai. | 12 | Baer, R. | 248 | Higman, G. | 633 |
| Baer, R. | 12 | Caria, V. S. | 385 | Kippels, H. | 728 |
| Gol'dina, N. P. | 13 | Gruenberg, K. W. | 386 | Huppert, B. | 729 |
| Trofimov, P. I. | 13 | Schenkman, E. | 386 | Zappa, G. | 836 |
| Carin, V. S. | 13 | Plotkin, B. I. | 529 | Gaschütz, W. | 940 |
| Solman, A. | 116 | Lazard, M. | 529 | Sah, Chih-Han. | 940 |
| Strulik, R. B. | 117 | | | | |

4. Finite groups. Cf. Fields, rings 2; Linear algebra.

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| Yacoub, K. R. | 5 | Mills, W. H. | 387 | Hall, Marshall, Jr. | 728 |
| Cunliffe, S. A. | 13 | Nagao, H. | 387 | Kippels, H. | 728 |
| McLain, D. H. | 13 | Steinberg, R. | 387 | Knapowski, S. | 729 |
| Pic, G. | 117 | Curzio, M. | 387 | Zeludev, I. S. | 729 |
| Higman, G. | 117 | Iizuka, K. | 388 | Huppert, B. | 729 |
| Schiek, H. | 117 | Tannaka, T. | 390 | Zappa, G. | 836 |
| Leech, J. | 165 | Herrera, R. B. | 523 | Yacoub, K. R. | 1037 |
| Coxeter, H. S. M. | 248 | Higman, D. G. | 527 | Blackburn, N. | 1037 |
| Shephard, G. C. | 248 | Sands, A. D. | 529 | Itô, N. | |
| Suzuki, M. | 248 | Maranda, J.-M. | 529 | Ohara, A. | 1037 |
| Schenkman, E. | 386 | Higman, G. | 633 | Ikuta, T. | 1037 |
| Adney, J. E. | 386 | Grün, O. | 633 | Wallace, D. A. R. | 1158 |
| Baer, R. | 386 | Nakayama, T. | 634 | | |
| Wielandt, H. | 387 | Kargapolov, M. I. | 728 | | |

5. Ordered groups.

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|-------------------|-----|--------------------|-----|--------------------|------|
| Jaffard, P. | 13 | Mal'cev, A. I. | 530 | Cohn, P. M. | 940 |
| Gravett, K. A. H. | 385 | Hion, Ya. V. | 530 | Mitrinovich, D. S. | 1037 |
| Banaschewski, B. | 385 | Shepperd, J. A. H. | 729 | Gravett, K. A. H. | 1037 |
| Goffman, C. | 388 | Ribenboim, P. | 940 | | |
| Banaschewski, B. | 388 | | | | |

6. Matrix groups, representations, characters. Cf. Lie groups; Linear algebra.

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| *Gelfand, I. M.-Neumark, M. A. | 13 | Nagao, H. | 387 | Wiegmann, N. A. | 634 |
| Newman, M. | 17 | Steinberg, R. | 387 | Farahat, H. | 634 |
| Eichler, M. | 18 | Iizuka, K. | 388 | Huppert, B. | 729 |
| Goldberg, K. | 123 | Mahler, K. | 388 | Judd, B. R. | 792 |
| Tausky, O.-Todd, J. | 123 | Jenner, W. E. | 388 | Duculot, C. | 812 |
| Suzuki, M. | 248 | Landin, J. | 388 | Pearl, M. H. | 936 |
| Hewitt, E.-Zuckerman, H. S. | 249 | Reiner, I. | 388 | Davis, R. L. | 1037 |
| Schützenberger, M. P. | 249 | Higman, D. G. | 390 | Kostant, B. | 1153 |
| | | Maranda, J.-M. | 529 | Berman, S. D. | 1158 |
| | | Heine, V. | 530 | Iséki, K. | 1158 |
| | | Goldberg, K. | 633 | Mostow, G. D. | 1181 |
| | | Newman, M. | 633 | Borel, A. | 1195 |

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| Hoehnke, H.-J. Kemperman, J. H. B. | 11 | Aubert, K. E. | 380 | Hille, E.-Phillips, R. S. | 664 |
| Adyan, S. I. | 117 | Banaschewski, B. | 388 | Hintzen, J. | 729 |
| Yamada, M. | 118 | Szász, G. | 389 | Dragunova, T. E. | 730 |
| Schieferdecker, E. | 118 | Szendrei, J. | 389 | Schwarz, S. | 940 |
| Tamura, T. | 243 | Séminaire Dubreil-Pisot, 1955-56. | 522 | Boccioni, D. | 940 |
| Martić, L. | 243 | Schützenberger, M.-P. | 528 | Tamura, T. | 940 |
| Hewitt, E.-Zuckerman, H. S. | 249 | Schützenberger, M.-P. | 528 | Preston, G. B. | 941 |
| Schützenberger, M. P. | 249 | Hion, Ya. V. | 530 | Croisot, R. | 1037 |
| | | Wiegmann, N. A. | 634 | Boone, W. W. | 1158 |
| | | Szász, G. | 634 | Thierrin, G. | 1158 |
| | | | | Tamura, T. | 1158 |
| | | | | Iséki, K. | 1158 |

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8. Other generalizations of groups. Cf. Algebras 2; Universal algebra.

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| Atiyah, M. F. | 172 | Hughes, N. J. S. | 634 | Fröhlich, A. | 1156 |
| Sade, A. | 389 | Drbohlav, K. | 730 | Ikuta, T. | 1159 |
| Almeida Costa, A. | 389 | Minc, H. | 836 | Wall, D. W. | 1159 |
| Gourevitch, G. | 530 | Gluskin, L. M. | 836 | | |

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| Altmann, S. L. | 133 | Englert, F. | 362 | Mennicke, J. | 975 |
| | | Lloyd, S. P. | 465 | Fieschi, R. | 1002 |

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1. Harmonic functions, potential theory.

| | | | | | |
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| Kuramochi, Z. | 23 | Yamasuge, H. | 406 | Ul'yanov, P. L. | 742 |
| Freud, G.-Králik, D. | 26 | Matsushita, S. | 406 | Spencer, D. C. | 766 |
| Payne, L. E.-Weinberger, H. F. | 39 | Epstein, Bernard-Scheerer, A. | 406 | Sobolev, S. L. | 826 |
| Shapiro, V. L. | 131 | Schiffer, M. | 406 | Ahlfors, L. V. | 845 |
| Elkins, T. A. | 131 | Friedrichs, K. O. | 407 | Sario, L. | 846 |
| Berstein, I. | 131 | Morrey, C. B., Jr.-Eells, J., Jr. | 407 | Gabriel, R. M. | 848 |
| Ivanov, V. K. | 131 | Morrey, C. B., Jr. | 408 | Power, G.-Jackson, H. L. W. | 848 |
| Betram, G. | 181 | Cattabriga, L. | 421 | Matik, J. | 848 |
| Duffin, R. J. | 261 | Pucci, C. | 426 | Choquet, G.-Deny, J. | 848 |
| Brelot, M.-Choquet, G. | 261 | Lavrent'ev, M. M. | 426 | Kantorovich, L. V. | |
| Ivanov, V. K. | 261 | Littman, W. | 487 | Krylov, V. I.-Cernin, K. E. | 887 |
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| Garabedian, P. R. | 348 | Akizuki, Y. | 644 | Laasonen, P. | 964 |
| Redheffer, R. M. | 405 | Shapiro, V. L. | 644 | Schiffer, M. | 1046 |
| Yamasuge, H. | 405 | Jacob, C. | 645 | Hunt, G. A. | 1089 |
| Choquet, G.-Deny, J. | 405 | Avanissian, V. | 645 | Vzorova, A. I. | 1175 |
| Choquet, P. | 405, 406 | Duff, G. F. D. | 656 | Bloomer, N. T. | 1217 |
| Endl, K. | 406 | Sario, L. | 739 | | |
| | | Reade, M. O. | 739 | | |

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| Gehring, F. W. | 131 | Tsuji, M. | 639 | Reade, M. O. | 739 |
| Arsove, M. G. | 131 | Biernacki, M. | 642 | Bonami, A. A. | 847 |
| Smith, K. T. | 261 | Avanissian, V. | 645 | Clunie, J. | 1169 |
| Kawakami, Y. | 262 | Weinstein, A. | 656 | Lelong, P. | 1194 |
| Domar, Y. | 408 | | | | |

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| Kalicin, N. S. | 26 | Walter, W. | 283 | Süray, S. | 641 |
| Huber, A. | 26 | Hayashi, K. | 408 | Huber, A. | 1046 |
| Friedman, A. | 39 | Ellanu, J. | 575 | Boggio, T. | 1046 |
| Rauch, H. E. | 261 | | | | |

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| Ascoli, G. | 20 | Walter, W. | 262 | Leja, F. | 645 |
| Temko, K. V. | 31 | Ninomiya, N. | 262 | Henrici, P. | 861 |
| Magenes, E. | 262 | Campanato, S. | 283 | Carleson, L. | 1047 |
| Górski, J. | 262 | Ohtsuka, M. | 541 | | |

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| Lelong-Ferrand, J. | 168 | Hirzebruch, F. | 317 | Morrey, C. B., Jr. | 408 |
| Gugenheim, V. K. A. M.- | | Friedrichs, K. O. | 407 | Elianu, J. | 575 |
| Spencer, D. C. | 310 | Morrey, C. B., Jr. | | Nakae, T. | 575 |
| Jongmans, F. | 315 | Eells, J., Jr. | 407 | Duff, G. F. D. | 575 |
| | | | | Akizuki, Y. | 644 |

6. Convex functions. Cf. Functions of real variables 3.

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| Protter, M. H. | 26 | Giaccardi, F. | 408 | Dinghas, A. | 1041 |
| Fan, Ky. | | Kurepa, S. | 408 | Massera, J. L. | |
| Glicksberg, I. | | Sion, M. | 720 | Schäffer, J. J. | 1047 |
| Hoffman, A. J. | 374 | Goldberg, A. A. | 950 | Fan, Ky. | 1183 |

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| Blaschke, W. | 236 | *Smith, D. E. | 1029 | *Struik, D. J. | 1247 |
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| *Becker, O. | 107 | Rytkin, G. F. | | Busulini, B. | 825 |
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| Barreneche, R. | 107 | Borkowski, L. | 518 | Dilgan, H. | 825 |
| *Hofmann, J. E. | 107 | Al-Kašī, D. G. | 624 | Zubov, V. P. | 825 |
| *Menninger, K. | 517 | *Neugebauer, O. | 825 | Tosi, A. | 1150 |

2. Modern mathematics.

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| *Hofmann, J. E. | 107 | Mel'nikov, I. G. | 519 | Delone, B. N. | 1029 |
| Hofmann, J. E. | 108 | Rychlik, K. | 519 | Verriest, G. | 1029 |
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| Blaschke, W. | | Waśkowski, T. | 519 | Pogrebyssky, I. B. | 1029 |
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| Barbour, J. M. | 124 | Freudenthal, H. | 722 | Nachbin, L. | 1150 |
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| Gauss, C. F. | | Di Pasquale, L. | 825 | Levi, F. W. | 1150 |
| (Gedenkband). | 518 | Struik, D. J. | 825 | Haldane, J. B. S. | 1150 |
| Rumyancev, V. V. | 518 | Anonymous | 825 | Fladt, K. | 1150 |
| Galli, M. | 518 | Zubov, V. P. | 825 | Tatcher, A. R. | 1247 |
| Smirnov, V. I. | 518 | Belozero, S. E. | 825 | Simonov, N. I. | 1247 |
| *Hofmann, J. E. | 518 | Gagaev, B. M. | 825 | Murata, T. | 1247 |
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| Yuškevič, A. P. | 518 | Gel'fond, A. O. | 826 | | |
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| | | Libois, P. | 1019 | | |

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| Zubov, V. P. | 825 |
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4. Astronomy and physics.

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| Milankovitch, M. | 108 | Rosenfeld, L. | 519 | Neugebauer, O. | 722 |
| Freudenthal, H. | 477 | Alton, E. J. | 624 | Tosi, A. | 1150 |

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| Jasiński, F. | 81 | Euler, L. | 518 | Hamilton, W. R. | 826 |
| *Lobachevsky, N. I. | 108 | Romanov, N. P. | 722 | *Abel, N. H. | 826 |
| Lebesgue, H. | 108 | Smirnov, V. I. | 722 | Galois, E. | 1029 |
| Baire, R.-L. | 108 | Fekete, M. | 722 | Smirnov, V. I. | 1030 |
| Delambre, J.-B. J. | 108 | Krylov, A. N. | 825 | Kerekes, F. | 1030 |
| Lefschetz, S. | 158 | Nazarov, N. N. | 825 | Pearson, K. | 1150 |
| Gauss, C. F. | 518 | Levin, B. Y. | 826 | Schur, F. | 1150 |
| Lyapunov, A. M. | 518 | Vekua, I. N. | 826 | Cremona, L. | 1150 |
| | | Lyapunov, A. M. | 826 | Dini, U. | 1150 |
| | | Euler, L. | 826 | Volterra, V. | 1150 |

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| Vijayaraghavan, T. | 108 | Baker, H. F. | 108 | Biharz, H. E. L. | 108 |
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| Lukasiewicz, J. | 722 | Fantappiè, L. | 1150 | Fantappiè, L. | 1248 |
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| Pérez-Cacho, T. | 1030 | | | Wintner, A. | 1248 |

7. Collected or selected works of.

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| Jasiński, F. | 81 | Lappo-Danilevskii, I. A. | 826 | Volterra, V. | 827 |
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| Adem, J. | 50 | Jans, J. P. | 249 | Faddeev, D. K. | 631 |
| Eilenberg, S.-Ganea, T. | 52 | Jans, J. P. | | Nakayama, T. | 634 |
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1) HOMOTOPY. See Topology: algebraic 2.

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PERTURBATIONS. See Astronomy 1, 3, 4; Differential equations: ordinary; Fluid mechanics 7; Mechanics 5.

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| Mikhlin, S. G. | 428 | *Van Nostrand's scientific encyclopedia. | 1206 | *International dictionary of physics and electronics. | 1206 |
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| Ueno, T. | 891 | Rényi, A. | 1202 | Zergényi, E. | 1202 |
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| Doob, J. L. | 71 | *Gnedenko, B. W. | 776 | Zarembka, S. K. | 1098 |
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| Kac, M. | 184 | Reuter, G. E. H. | 469 | Schneider, H. | 988 |
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| Feller, W. | 185 | *Gnedenko, B. A. | 988 | Castoldi, L. | 988 |
| Elliott, J. | 185 | Kanngiesser, W. | 989 | Sevast'yanov, B. A. | 988 |
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| Feller, W. | 327 | Jacobs, K. | 778 | Harris, T. E. | 989 |
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| Blumenthal, R. M. | 468 | Egervary, E. | 891 | Goodman, L. A. | 1090 |
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| Kendall, D. G. | 328 | Silverman, R. A. | 893 | Campbell, L. L. | 1098 |
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| Diederich, F. W. | 470 | Davenport, W. B., Jr. | 1090 | Grenander, U. | 1206 |
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PROGRAMMING, RESOURCE ALLOCATION, GAMES. Cf.

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| Cohen, E. G. D. | 78 | *Gellikman, B. T. | 478 | Grigoline, I. | 908 |
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| Péneloux, A. | 480 | Popoff, K. | 592 | Kirkwood, J. G. | 901 |
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| Tukey, J. W. | 331 | Hájek, J. | 692 | Andreoli, G. | 990 |
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| Barnes, E. S. | 120 | Watson, G. L. | 635 | Mordell, L. J. | 1039 |
| Coxeter, H. S. M. | 248 | Carlitz, L. | 731 | Davenport, H. | 1161 |
| Barnes, E. S. | 251 | O'Meara, O. T. | 732 | Pall, G. | |
| Maass, H. | 252 | Watson, G. L. | 838 | Taussky, O. | 1161 |
| Carlitz, L. | 253 | Kneser, M. | 838 | Venugopal Rao, V. | 1163 |

9. Fermat's last theorem.

| | | | | | |
|-------------------|-----|---------------|-----|-------------|-----|
| Zeckendorf, E. | 16 | Takahashi, S. | 635 | Yaha, | |
| Villaseñor Z., F. | 251 | | | Q. A. M. M. | 731 |

10. Number-theoretical functions.

| | | | | | |
|-------------------|-----|----------------|-----|---------------|------|
| Vinogradov, A. I. | 16 | Hooley, C. | 532 | Moser, L. | |
| Pellegrino, F. | 16 | Kanold, H.-J. | 635 | Wyman, M. | 1039 |
| Roberts, J. B. | 250 | Tanaka, M. | 636 | Swetharanyam, | |
| Klimov, N. I. | 251 | Gyires, B. | 731 | S. | 1039 |
| Gupta, Hansraj. | 252 | Carlitz, L. | 731 | Newman, M. | 1160 |
| Siršov, V. M. | 391 | Jacobsthal, E. | 837 | Rieger, G. J. | 1161 |
| Yüh, Ming-I. | 392 | Kolberg, O. | 838 | Kanold, H.-J. | 1161 |
| Dieter, U. | 395 | Kanold, H.-J. | 839 | Delange, H. | 1164 |

11. p -adic numbers.

| | | | | | |
|---------------|-----|-----------------|------|--------------|------|
| Dieudonné, J. | 290 | Eljoseph, N. | 635 | Vollmann, B. | 1161 |
| Lewis, D. J. | 526 | Leopoldt, H.-W. | 1161 | | |

THERMODYNAMICS. See Classical thermodynamics; Statistical thermodynamics and mechanics.

THERMO-MECHANICS. See Elasticity, plasticity 14.

THETA FUNCTIONS. See Special functions 3.

THREE- AND n -BODY PROBLEM. See Astronomy 3.

TIDES. See Fluid mechanics 4. Geophysics 1.

TIME SERIES. See Statistics 12.

TOPOLOGICAL ALGEBRAIC STRUCTURES. See Lie groups; Topological groups; Topological lattices; Topological rings; Topological vector spaces.

TOPOLOGICAL ALGEBRAS. See Topological vector spaces 11.

TOPOLOGICAL DYNAMICS. See Differential equations: ordinary 11; Topology: general 7.

TOPOLOGICAL GROUPS. Cf. Lie groups.

| | | | | | |
|------------------|-----|-----------------|-----|-----------------|------|
| Hoffman, K. | | Hartman, S. | | Nalmark, M. A. | 870 |
| Singer, I. M. | 46 | Ryll- | | Morgenthaler, | |
| *Pontrjagin, | | Nardzewski, C. | 430 | G. W. | 956 |
| L. S. | 152 | Anderson, R. D. | 430 | Fine, N. J. | 957 |
| Hewitt, E. | | Pettis, B. J. | 432 | Wright, F. B. | 967 |
| Wigner, E. P. | 270 | Borevič, Z. I. | 525 | Schwarz, S. | 1063 |
| Freudenthal, H. | 289 | Katzenelson, Y. | 535 | Hulanicki, A. | 1063 |
| Tits, J. | 289 | Braconnier, J. | 561 | Hartman, S. | |
| Taylor, R. L. | 289 | Whitehead, | | Hulanicki, A. | 1063 |
| Leptin, H. | 290 | J. H. C. | 571 | Żelazko, W. | 1063 |
| Ellis, J. W. | 290 | Floyd, E. E. | 571 | Lashof, R. K. | 1064 |
| Reiter, H. | 290 | Łoś, J. | 632 | Ionescu Tulcea, | |
| Banaschewski, B. | 388 | Balcerzyk, S. | 632 | C. T. | 1064 |
| Domar, Y. | 413 | Wright, F. B. | 662 | Beck, A. | 1064 |
| Pettis, B. J. | 429 | Jacoby, R. | 751 | Weston, J. D. | 1180 |
| Hartman, S. | | Græev, G. W. | 752 | Urbanik, K. | 1180 |
| Hulanicki, A. | 429 | *Pontrjagin, L. | 867 | Conner, P. E. | |
| | | Schöneborn, H. | 867 | Floyd, E. E. | 1180 |
| | | Fischer, H. R. | 869 | | |

1. Representations. Cf. Groups and generalizations 6; Topological vector spaces 11.

| | | | | | |
|----------------|-----|----------------|-----|----------------|-----|
| *Mackey, G. W. | 117 | Berezin, F. A. | | Mackey, G. W. | 752 |
| Lang, S. | 320 | Gelfand, I. M. | | Price, J. J. | 752 |
| Koosis, P. | 430 | Græev, M. I. | | Schöneborn, H. | 867 |
| Braconnier, J. | 561 | Nalmark, M. A. | 662 | | |

2. Groups from geometry.

| | | | | | |
|-----------------|-----|-----------------|-----|---------------|-----|
| Freudenthal, H. | 54 | Tits, J. | 289 | Guggenheimer, | |
| Ree, Rimbak. | 247 | Anderson, R. D. | 430 | H. | 680 |
| Freudenthal, H. | 289 | Ellis, R. | 561 | Kojima, J. | 867 |

3. Semigroups and other generalizations. Cf. Groups and generalizations 7.

| | | | | | |
|--------------|-----|-----------------|------|-------------|------|
| Numakura, K. | 290 | Hille, E. | | Koch, R. J. | 1064 |
| Koch, R. J. | 290 | Phillips, R. S. | 664 | Keiner, H. | 1064 |
| Schwarz, S. | 663 | Numakura, K. | 967 | Day, M. M. | 1067 |
| | | Shields, A. | 1064 | | |

TOPOLOGICAL LATTICES. Cf. Partial order.

| | |
|----------------|-----|
| Wallace, A. D. | 429 |
|----------------|-----|

TOPOLOGICAL LINEAR SPACES. See Topological vector spaces.

TOPOLOGICAL RINGS. Cf. Topological vector spaces 11.

| | | | | | |
|------------------|-----|-------------|-----|------------|------------|
| Gil de Lamadrid, | | Jans, J. P. | 939 | Maharadze, | |
| J. Jans, J. P. | 429 | | | L. M. | 1062, 1063 |

TOPOLOGICAL VECTOR SPACES, FUNCTIONAL ANALYSIS.

Cf. Analysis; Topology: general.

*Yosida, K. 294

1. Function spaces: general.

| | | | | | |
|-----------------|-----|-------------------|------|----------------|------|
| Rudin, W. | 46 | Zuhovickij, S. I. | 566 | Edwards, R. E. | 1182 |
| Holladay, J. C. | 293 | Brainerd, B. | 529 | Semadeni, Z. | |
| Pursell, L. E. | 297 | Mrówka, S. | 1064 | Zbijewski, P. | 1182 |
| Paszkowski, S. | 411 | Banaschewski, B. | 1182 | | |

2. Topological vector spaces.

| | | | | | |
|-------------------|-----|--------------------|-----|------------------|------|
| *Kolmogorov, | | Phelps, R. R. | 432 | Ślowikowski, W. | 663 |
| A. N. | | Pettis, B. J. | 432 | Nachbin, L. | 753 |
| Fomin, S. V. | 44 | Deprit, A. | 432 | Ślowikowski, W. | 753 |
| *Marinescu, G. | 44 | Sebastião e Silva, | | Anemiyi, I. | 754 |
| Kasahara, S. | 44 | J. | 432 | Raikov, D. A. | 754 |
| Pelczyński, A. | 135 | Fan, Ky. | 432 | Bogdanov, Yu. S. | 755 |
| Ślowikowski, W. | 145 | Goldman, A. J. | | Trèves, F. | 755 |
| Ślowikowski, W. | 154 | Tucker, A. W. | 446 | Koecher, M. | 867 |
| Altman, M. | 154 | Klee, V. L., Jr. | 561 | Ringrose, J. R. | 869 |
| Deprit, A. | 241 | Sebastião e Silva, | | Nalmark, M. A. | 870 |
| Ellis, J. W. | 290 | J. | 561 | Raikov, D. A. | 967 |
| Deprit, A. | 293 | Tomita, M. | 562 | Klee, V. L., Jr. | 1065 |
| Cristescu, R. | 293 | Bessaga, C. | | Pelczyński, A. | 1065 |
| Umegaki, H. | 294 | Pelczyński, A. | 562 | Deprit, A. | 1065 |
| Fan, Ky. | | Rolewicz, S. | 562 | Weston, J. D. | 1065 |
| Glicksberg, I. | | Pavel, M. | 562 | Arsove, M. G. | 1182 |
| Hoffman, A. J. | 374 | Weston, J. D. | 562 | Björck, G. | 1182 |
| Choquet, G. | 399 | Wiweger, A. | 564 | Fan, Ky. | 1183 |
| Pettis, B. J. | 429 | Audin, M. | 663 | Weston, J. D. | 1183 |
| Williamson, J. H. | 431 | | | | |

3. Ordered vector spaces. Cf. Groups and generalizations 5; Partial order.

| | | | | | |
|----------------|---|--------------|----|---------------|-----|
| Pinsker, A. G. | 7 | Vulih, B. Z. | 47 | Duffin, R. J. | 374 |
|----------------|---|--------------|----|---------------|-----|

TOPOLOGICAL VECTOR SPACES. (Continued).

3. Ordered vector spaces. (Continued).

| | | | |
|---------------|-----|---------------|----------------|
| Choquet, G. | 399 | Miyakawa, M. | Gravett, |
| Lowdenslager, | | Nakano, H. | K. A. H. |
| D. B. | 433 | Cotlar, M. | Matthes, K. |
| Weston, J. D. | 562 | Ricabarra, R. | Nef, W. |
| Amemiya, I. | | Shimogaki, T. | Andó, T. |
| Mori, T. | 563 | Koshi, S. | Bonsall, F. F. |
| | | Shimogaki, T. | |

4. Banach spaces. Cf. Approximations and expansions; Functions of complex variables; Measure, integration; Sequences, series; Trigonometric series.

| | | | |
|-------------------|-----|-------------------|-------------------|
| Zuhovickii, S. I. | 30 | Matuszewska, | de Albuquerque, |
| Zuhovickii, S. I. | | W. | L. G. M. |
| Stečkin, S. B. | 30 | Orlicz, W. | Borisovič, Yu. G. |
| Davis, P. | | Bogdanowicz, W. | Ruston, A. F. |
| Fan, Ky. | 30 | Pelczyński, A. | James, R. C. |
| Solomjak, M. Z. | 45 | Ruston, A. F. | Civin, P. |
| Križanić, F. | 152 | Getoor, R. K. | Yood, B. |
| Zukhovitsky, | | Kampé de | Long, R. G. |
| S. I. | 154 | Féret, J. | Zaldman, S. |
| Roberts, J. B. | 265 | Nikol'skii, V. N. | Weston, J. D. |
| Kendall, D. G. | | Goffman, C. | Bremermann, |
| Moyal, J. E. | 295 | *Hille, E. | H. J. |
| Edwards, D. A. | 295 | Phillips, R. S. | Favard, J. |
| Phelps, R. R. | 432 | Orlicz, W. | Weston, J. D. |
| Fan, Ky. | 432 | | Dinculeanu, N. |

5. Hilbert spaces. Cf. Approximations and expansions; Functions of complex variables; Measure, integration; Sequences, series; Trigonometric series.

| | | | |
|----------------|-----|---------------|---------------|
| Steinberg, R. | 48 | Huhunakšvili, | Meyers, L. F. |
| Vorović, I. I. | 144 | G. E. | Kampé de |
| *Gould, S. H. | 287 | Pachale, H. | Féret, J. |
| Altman, M. | 297 | Borsuk, K. | Krein, M. G. |
| Samokis, B. A. | 322 | | |

6. Special function spaces.

| | | | |
|-------------------|-----|-----------------|-----------------|
| Rutickii, Ya. B. | 45 | Herz, C. S. | Sudakov, V. N. |
| Rooney, P. G. | 45 | Cotlar, M. | Kazmin, Yu. A. |
| Lafleur, C. | 94 | Wiweger, A. | Kaplan, S. |
| Sargent, W. L. C. | 126 | Matuszewska, W. | Day, M. M. |
| Il'in, V. P. | 136 | Orlicz, W. | Shibata, T. |
| Vasilach, S. | 154 | Dinculeanu, N. | Wolfson, K. G. |
| Parasyuk, O. S. | 221 | Aronszajn, N. | Gagliardo, E. |
| Holladay, J. C. | 293 | Smith, K. T. | Fox, C. |
| Koosis, P. | 413 | Musielak, J. | Korenblum, |
| Lowdenslager, | | Orlicz, W. | B. I. |
| D. B. | 433 | Koosis, P. | Bogdanowicz, W. |
| Halperin, I. | | Eremine, S. A. | Krabbe, G. L. |
| Luxemburg, | | Konyukov, A. A. | Edwards, R. E. |
| W. A. J. | 433 | Nachbin, L. | Semadeni, Z. |
| Swierling, P. | 434 | | |

7. Distributions.

| | | | |
|--------------|-----|-----------------|------------------|
| Vasilach, S. | 44 | Hörmander, L. | Trèves, F. |
| Schmidt, W. | | Lions, J. L. | Lions, J. L. |
| Baummann, K. | 97 | Malgrange, B. | Świąkowski, W. |
| Vasilach, S. | 154 | Schwartz, L. | König, H. |
| Séminaire | | Ehrenpreis, L. | Trèves, F. |
| Schwartz | | Łojasiewicz, S. | Love, E. R. |
| 1954- | | Schröder, J. | Shibata, T. |
| 1955. | 279 | Shirota, T. | Schwartz, L. |
| Séminaire | | | Chong, F. |
| Schwartz | | | Saltzer, C. |
| 1955/1956. | 418 | | Lighthill, M. J. |

8. Linear operators. Cf. Differential equations: ordinary; Differential equations: partial; Integral equations.

| | | | |
|------------------|-----|-----------------|------------------|
| Gohberg, I. C. | | Delsarte, J. | Kleinecke, D. C. |
| Markus, A. S. | 45 | Lions, J. L. | Dean, P. |
| Gohberg, I. C. | 45 | Brodski, M. S. | Devinatz, A. |
| Hartman, P. | 46 | Cristescu, R. | Cotlar, M. |
| Straus, A. V. | 47 | Krabbe, G. L. | Lumer, G. |
| Brodski, M. S. | 48 | Harazov, D. F. | Putnam, C. R. |
| Harazov, D. F. | 48 | Birkhoff, G. | Butler, J. |
| Marcus, M. | | Schäffke, F. W. | Thoma, E. |
| Moyls, B. N. | 114 | Hartman, P. | Smart, D. R. |
| Altman, M. | 154 | Sz.-Nagy, B. | Halberg, |
| Dalecki, Yu. L. | 155 | Sz.-Nagy, B. | C. J. A., Jr. |
| Maslov, V. P. | 155 | Korányi, A. | Pachale, H. |
| Straus, A. V. | 155 | Leżański, T. | Edwards, R. E. |
| Sunčević, R. Ya. | 192 | Fan, Ky. | Krasnosel'skii, |
| Livšic, M. S. | 216 | Maurin, K. | M. A. |
| Green, H. F. | 264 | Kramer, V. A. | Sobolev, V. I. |
| Hummel, J. A. | 267 | Sirokov, F. V. | Harazov, D. F. |

TOPOLOGICAL VECTOR SPACES. (Continued).

8. Linear operators. (Continued).

| | | | |
|-----------------|-----|------------------|-----------------|
| Sudakov, V. N. | 756 | Poliatsky, V. T. | Donoghue, W. F. |
| Rosenblum, M. | 756 | Delsarte, J. | Jr. |
| Smart, D. R. | 756 | Lions, J. L. | Andó, T. |
| Gavurin, M. K. | 756 | Asplund, E. | Krabbe, G. L. |
| Boigelot, A. | 756 | Bădescu, R. | Kato, T. |
| Yoshimatsu, S. | 866 | Glazman, I. M. | Davis, C. |
| Ringrose, J. R. | 869 | Nelson, E. | Edwards, R. E. |
| Wolf, F. | 869 | Sahnovič, L. A. | Bonsall, F. F. |
| Dinculeanu, N. | 870 | Gonsior, H. | Stein, E. M. |
| Harazov, D. F. | 873 | Kadison, R. V. | Weiss, G. |
| Sz.-Nagy, B. | 873 | Singer, I. M. | |

9. Groups and semi-groups of linear operators.

| | | | |
|-----------------|-----|-----------------|-----------------|
| Elliott, J. | | Dynkin, E. | Hille, E. |
| Feller, W. | 185 | Jushkevich, A. | Phillips, R. S. |
| Kato, T. | 279 | Dynkin, E. B. | Segal, I. E. |
| *Yosida, K. | 294 | Kendall, D. G. | Świąkowski, W. |
| Jacobs, K. | 295 | Reuter, | Foias, C. |
| Birkhoff, G. | 296 | G. E. H. | Guss, G. |
| Dye, H. A. | | Krasnosel'skii, | Poeiaru, V. |
| Phillips, R. S. | 434 | M. A. | Phillips, R. S. |
| Swierling, P. | 434 | Krein, S. G. | Feller, W. |
| Kendall, D. G. | | Sobolevskii, | Ventcel', A. D. |
| Reuter, | | P. E. | |
| G. E. H. | 434 | | |

10. Non-linear operators. Cf. Integral equations 4.

| | | | |
|--------------------|-----|-------------------|-------------------|
| Ladyženskii, | | Altman, M. | Borisovič, Yu. G. |
| L. A. | 45 | Schäffke, F. W. | Mirakov, V. E. |
| Špaček, A. | 45 | Shimoda, I. | Weiss, G. |
| Krasnosel'skii, | | Watanabe, T. | Polak, A. I. |
| M. A. | 45 | Tera, M. | Granas, A. |
| Vainberg, M. M. | 48 | Shimoda, I. | Altman, M. |
| Fréchet, M. | 155 | Borisovič, Yu. G. | Nevanlinna, F. |
| Stépaniuk, K. L. | 155 | Vainberg, M. M. | Browder, F. E. |
| Vertgeim, B. A. | 267 | Bremermann, | |
| Schieferdecker, E. | 295 | H. J. | |

11. Rings of operators, group algebras, abstract topological algebras and their representations. Cf. Lie groups 2; Topological groups 1.

| | | | |
|------------------|-----|------------------|--------------------|
| Willcox, A. B. | 46 | Hewitt, E. | *Naimark, M. A. |
| Hoffman, K. | | Zuckerman, | Stanojević, C. V. |
| Singer, I. M. | 46 | H. S. | Hongo, E. |
| Korenblum, | | Bialynicki- | Umegaki, H. |
| B. I. | 46 | Birula, A. | Nakamura, M. |
| Saworotnow, | | Żelazko, W. | Umegaki, H. |
| P. P. | 47 | Tomita, M. | Turumaru, T. |
| Berberian, S. K. | 47 | Lumer, G. | Šilov, G. E. |
| Sakai, S. | 47 | Rudin, W. | Vidav, I. |
| Kadison, R. V. | 47 | Koosis, P. | Żelazko, W. |
| Vulih, B. Z. | 47 | Waelbroeck, L. | Easterfield, T. E. |
| Widom, H. | 155 | Hille, E. | Kadison, R. V. |
| Cartier, P. | 247 | Phillips, R. S. | Singer, I. M. |
| Reiter, H. | 290 | Olubummo, A. | Gonsior, H. |
| *Yosida, K. | 294 | Yen, T. | Day, M. M. |
| Fell, J. M. G. | 294 | Grothendieck, A. | Albertoni, S. |
| Umegaki, H. | 294 | Kadison, R. V. | Duminio, F. |
| Prékopa, A. | 399 | Nachbin, L. | Naimark, M. A. |
| Hebroni, P. | 417 | Schatten, R. | Plans, A. |
| Koosis, P. | 430 | Foias, C. | Thoma, E. |
| Sirokov, F. V. | 435 | Schatz, J. A. | Leptin, H. |
| Kleinecke, D. C. | 435 | Wolfson, K. G. | Aurora, S. |

12. Applications of functional analysis; analysis of differential and integral operators. Cf. Differential equations: ordinary; Differential equations: partial; Integral equations; Probability.

| | | | |
|-------------------|-----|-----------------|-----------------|
| Cordes, H. O. | 38 | Delsarte, J. | Hartman, P. |
| Karcivadze, I. N. | 42 | Lions, J. L. | Leżański, T. |
| Hestenes, M. R. | 43 | Brodski, M. S. | Krabbe, G. L. |
| *Kolmogorov, | | Rehlicki, Z. I. | Calderón, A. P. |
| A. N. | | Orlov, S. A. | Zygmund, A. |
| Fomin, S. V. | 44 | Kato, T. | Séminaire |
| Straus, A. V. | 47 | Ladyženskaya, | Schwartz, |
| Pelczyński, A. | 135 | O. A. | 1955-1956. |
| Krasnosel'skii, | | Séminaire | Hörmander, L. |
| M. A. | | Schwartz, | Lions, J. L. |
| Krein, S. G. | 140 | 1954- | Malgrange, B. |
| Slugin, S. N. | 140 | 1955. | Huet, D. |
| Świąkowski, W. | 145 | Stummel, F. | Yosida, K. |
| Berezanskii, | | McKean, H. P., | Kendall, D. G. |
| Yu. M. | | Jr. | Reuter, |
| Krein, S. G. | 154 | *Gould, S. H. | G. E. H. |
| Straus, A. V. | 155 | Reiter, H. | Kramer, V. A. |
| Stépaniuk, K. L. | 155 | Gelfand, I. M. | Mafik, J. |
| Zuhovickii, S. I. | | Birkhoff, G. | |
| Stečkin, S. B. | 267 | Schäffke, F. W. | |

TOPOLOGICAL VECTOR SPACES. (Continued).

12. Applications of functional analysis. (Continued).

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| Krasnosel'skii, M. A. | 550 | Krein, S. G. | 747 | Bădescu, R. | 969 |
| Sobolevskii, P. E. | 553 | Ishihara, T. | 755 | Glazman, I. M. | 969 |
| Sobolev, S. L. | 559 | Trèves, F. | 755 | Fichera, G. | 969 |
| Cerskii, Yu. I. | 559 | Altman, M. | 774 | Nelson, E. | 969 |
| Przeworska-Rolewicz, D. | 559 | Sawashima, I. | 844 | Kalisch, G. K. | 970 |
| Borisovič, Yu. G. | 564 | Višik, M. I. | 861 | Sahnovič, L. A. | 970 |
| Slobodskii, M. G. | 566 | Lyusternik, L. A. | 861 | Altman, M. | 983, 984 |
| Aronszajn, N. | 566 | Phillips, R. S. | 863 | Feller, W. | 1052 |
| Smith, K. T. | 566 | Sakhnovich, L. A. | 866 | Kramer, H. P. | 1054 |
| *Hille, E. | 566 | Fischer, H. R. | 869 | Ficken, F. A. | 1054 |
| Phillips, R. S. | 664 | Kostylenko, A. G. | 872 | Fleishman, B. A. | 1059 |
| Mikusiński, J. | 747 | Mihlin, S. G. | 881 | Browder, F. E. | 1061 |
| Krasnoselsky, M. A. | 747 | Kantorovitch, L. V. | 883 | Schlesinger, S. | 1062 |
| Krein, S. G. | 747 | Parameswaran, M. R. | 955 | Saltzer, C. | 1065 |
| Sobolevsky, P. E. | 747 | Lidskii, V. B. | 959 | Altman, M. | 1068 |
| | | Delsarte, J. | 959 | Schäfer, F. W. | 1083 |
| | | Lions, J. L. | 959 | Folias, C. | 1083 |
| | | | | Guss, G. | 1083 |
| | | | | Poenaru, V. | 1185 |

TOPOLOGY. See Topological algebraic structures; Topology: algebraic; Topology: general.

TOPOLOGY: ALGEBRAIC.

| | | | |
|-----------------|-----|---------------------|------|
| Steenrod, N. S. | 158 | *Aleksandrov, P. S. | 1188 |
| *Wallace, A. H. | 569 | | |

1. Homology and cohomology. Cf. Groups and generalizations 1; Homological algebra.

| | | | | | |
|------------------------|-----|---------------------|----------|------------------|------|
| Eckmann, B. | 14 | Morrey, C. B., Jr. | 407 | Švarc, A. S. | 761 |
| Ehrenpreis, L. | 36 | Eells, J., Jr. | 407 | Palermo, F. P. | 874 |
| Bernstein, I. | 49 | Morrey, C. B., Jr. | 408 | Bokstein, M. F. | 875 |
| Yamanoshita, T. | 50 | Seminaire Cartan | 438, 439 | Ando, H. | 875 |
| *Adem, J. | 51 | 1954-1955. | 438, 439 | Chang, Su-Cheng. | 972 |
| Adem, J. | 51 | Peterson, F. P. | 440 | Nakaoka, M. | 972 |
| Adams, J. F. | 52 | Segre, B. | 449 | Dedecker, P. | 973 |
| Murasugi, K. | 52 | Frankel, T. | 453 | Hirsch, G. | 973 |
| Blanchfield, R. C. | 53 | Morikawa, H. | 459 | Vázquez, R. | 973 |
| Frölicher, A. | 53 | Schwartzman, S. | 568 | James, I. M. | 974 |
| Nijenhuis, A. | 62 | Deheuvels, R. | 569 | Livesay, G. R. | 974 |
| Gugenheim, V. K. A. M. | 160 | Thom, R. | 669 | Dugundji, J. | 974 |
| Moore, J. C. | 160 | Mardesic, S. | 670 | Uehara, H. | 974 |
| Denniston, R. H. F. | 174 | Shapiro, A. | 671 | Massey, W. S. | 974 |
| *Dowker, C. H. | 301 | Al'ber, S. I. | 751 | Steenrod, N. E. | 1069 |
| Koszul, J. L. | 301 | *Aleksandrov, P. S. | 759 | Steenrod, N. E. | 1069 |
| Bokstein, M. F. | 301 | Borel, A. | 759 | Thomas, E. | 1070 |
| Floyd, E. E. | 301 | Adams, J. F. | 759 | Dugundji, J. | 1070 |
| Simon, A. B. | 302 | Forrester, A. | 759 | Conner, P. E. | 1070 |
| *Whitney, H. | 309 | | | Floyd, E. E. | 1180 |
| Spanier, E. | 317 | | | Molski, R. | 1186 |
| Friedrichs, K. O. | 407 | | | Kodama, Y. | 1188 |
| | | | | Wilder, R. L. | 1188 |

2. Homotopy.

| | | | | | |
|-------------------------|-----|-------------------------|----------|-------------------|----------|
| Hilton, P. J. | 10 | Gugeneheim, V. K. A. M. | 875, 876 | Adachi, M. | 875 |
| Bernstein, I. | 49 | Spencer, D. C. | 310 | James, I. M. | 875, 876 |
| Adem, J. | 51 | Seminaire Cartan | 438, 439 | Ganea, T. | 971 |
| Saito, Y. | 51 | 1954-1955. | 438, 439 | Albrecht, F. | 971 |
| Wada, H. | 51 | Hilton, P. J. | 439 | Chang, Su-Cheng. | 972 |
| Spanier, E. H. | 51 | Kan, D. M. | 440 | James, I. M. | 974 |
| Adams, J. F. | 52 | Shih, Weishu. | 440 | *Whitehead, G. W. | 974 |
| Murasugi, K. | 52 | Peterson, F. P. | 440 | Huebsch, W. | 974 |
| Barratt, M. G. | 52 | Cohen, D. E. | 441 | Dugundji, J. | 974 |
| Whitehead, J. H. C. | 52 | Adams, J. F. | 570 | Uehara, H. | 974 |
| Eilenberg, S. | 52 | Hilton, P. J. | 570 | Massey, W. S. | 974 |
| Ganea, T. | 52 | Eckmann, B. | 570 | Toda, H. | 974 |
| Smale, S. | 158 | Bernstein, I. | 570 | Saito, Y. | 975 |
| Curtis, M. L. | 158 | Lages Lima, E. | 669 | Yokota, I. | 975 |
| Fort, M. K., Jr. | 158 | Thom, R. | 669 | Tamura, I. | 975 |
| Borsuk, K. | 159 | Kodama, Y. | 671 | Curtis, M. L. | 975 |
| Toda, H. | 159 | Kan, D. M. | 759 | Fort, M. K., Jr. | 975 |
| Gugeneheim, V. K. A. M. | 159 | Inoue, Y. | 759, 760 | Adams, J. F. | 975 |
| Smith, P. A. | 159 | Dugundji, J. | 760 | Dugundji, J. | 1070 |
| Wada, T. | 302 | Ando, H. | 875 | Moore, J. C. | 1188 |
| Iwata, K. | 302 | | | Toda, H. | 1188 |
| Smale, S. | 302 | | | Granias, A. | 1189 |

3. Fiber bundles. Cf. Manifolds, connections.

| | | | | | |
|------------|----|-------------------------|----------|--------------|-----|
| Hopf, H. | 52 | Gugeneheim, V. K. A. M. | 875, 876 | Dedecker, P. | 302 |
| Calabi, E. | 62 | Moore, J. C. | 160 | | |

TOPOLOGY: ALGEBRAIC. (Continued).

3. Fiber bundles. (Continued).

| | | | | | |
|------------------------------------------|----------|-----------------|-----|-----------------|------|
| Seminaire Cartan 1954/1955. | 438, 439 | Thom, R. | 449 | Kojima, J. | 867 |
| van de Ven, A. J. H. M. | 441 | Willmore, T. J. | 455 | Schwartz, M.-H. | 875 |
| Chern, S. S.-Hirzebruch, F.-Serre, J.-P. | 441 | Dedecker, P. | 570 | Dedecker, P. | 973 |
| | | Pavel, M. | 571 | Hirsch, G. | 973 |
| | | Thom, R. | 669 | Vázquez, R. | 973 |
| | | Kervaire, M. A. | 760 | Tamura, I. | 975 |
| | | | | Segre, B. | 979 |
| | | | | Adler, A. | 1181 |

4. Manifolds. Cf. Complex manifolds; Manifolds, connections.

| | | | | | |
|--------------------------|-----|--------------------------|-----|--------------------------|------------|
| Blanchfield, R. C. | 53 | Reeb, G. | 441 | Adachi, M. | 875 |
| Gamkrelidze, R. V. | 53 | Segre, B. | 449 | Tamura, I. | 975 |
| Kervaire, M. | 160 | Thom, R. | 449 | Mennicke, J. | 975 |
| Dolbeault, P. | 171 | Haeffliger, A. | 571 | Papakyriakopoulos, C. D. | 976 |
| Weier, J. | 302 | Lages Lima, E. | 669 | Segre, B. | 979 |
| Vaccaro, M. | 303 | Haeffliger, A. | 671 | Weier, J. | 1070, 1071 |
| *Whitney, H. | 309 | Reeb, G. | 671 | Bing, R. H. | 1187 |
| Thom, R. | 310 | Segre, B. | 679 | Curtis, M. L. | 1188 |
| Gugeneheim, V. K. A. M. | 310 | Forrester, A. | 759 | Wilder, R. L. | 1188 |
| Spencer, D. C. | 310 | Kervaire, M. A. | 760 | Papakyriakopoulos, C. D. | 1189 |
| Wallace, A. H. | 320 | Sanderson, D. E. | 760 | los, C. D. | 1189 |
| Papakyriakopoulos, C. D. | 441 | Papakyriakopoulos, C. D. | 761 | Noguchi, H. | 1189 |

5. Fixed point theorems. Cf. Topology: general 9.

| | | | | | |
|----------------|-----|---------------------|-----|--------------|-----|
| Eichler, M. | 18 | Bourgin, D. G. | 571 | Floyd, E. E. | 571 |
| Weier, J. | 302 | Whitehead, J. H. C. | 571 | Svarc, A. S. | 761 |
| Wilder, R. L. | 303 | | | Milnor, J. | 761 |
| Maxwell, C. N. | 441 | | | | |

6. Links, knots.

| | | | | | |
|--------------------------|----------|---------------------|----------|--------------------------|------|
| Blanchfield, R. C. | 53 | Kinoshita, S. | 761 | Papakyriakopoulos, C. D. | 976 |
| Bing, R. H. | 300 | Harrold, O. G., Jr. | 300 | Kyle, R. H. | 976 |
| Harrold, O. G., Jr. | 300 | Griffith, H. C. | 441, 761 | Milnor, J. | 1070 |
| Papakyriakopoulos, C. D. | 441, 761 | Posey, E. E. | 972 | Noguchi, H. | 1189 |
| | | | | Kondo, K. | 1189 |

7. Complexes and polyhedra. Cf. Geometries, Euclidean and other.

| | | | | | |
|-------------------------|-----|------------------|-----|------------------|------|
| Gugeneheim, V. K. A. M. | 159 | Shih, Weishu. | 440 | Sanderson, D. E. | 760 |
| Smirnov, Yu. M. | 300 | Peterson, F. P. | 440 | Ganea, T. | 971 |
| Reeve, J. E. | 397 | Maxwell, C. N. | 441 | Albrecht, F. | 971 |
| Munkres, J. | 437 | Gugeneheimer, H. | 442 | Kodama, Y. | 1188 |
| Kan, D. M. | 440 | | | Noguchi, H. | 1189 |

8. Topology of group spaces and H-spaces.

| | | | | | |
|-----------------------------|----------|-----------|-----|--------------|----------|
| Sugawara, M. | 160 | Kudo, T. | 289 | Kojima, J. | 867 |
| Taylor, R. L. | 289 | Araki, S. | 442 | James, I. M. | 875, 876 |
| Seminaire Cartan 1954/1955. | 439, 438 | | | Dugundji, J. | 1070 |

9. Transformations and special mappings.

| | | | | | |
|-----------------|-----|-------------------|-----|---------------|------------|
| Fet, A. I. | 53 | Borisovič, Yu. G. | 755 | Weier, J. | 1070, 1071 |
| Michael, J. H. | 300 | Dugundji, J. | 760 | Dyer, E. | 1071 |
| Smale, S. | 302 | Švarc, A. S. | 761 | Kodama, Y. | 1188 |
| Wilder, R. L. | 303 | Nakaoka, M. | 972 | Wilder, R. L. | 1188 |
| Vaccaro, M. | 303 | Livesay, G. R. | 974 | Weier, J. | 1189 |
| Williams, R. F. | 436 | Kyle, R. H. | 976 | Stein, S. K. | 1192 |

10. Dimension theory. Cf. Topology: general 4.

| | | | | | |
|-----------------|-----|-----------------|-----|-----------------|------------|
| Wagner, K. | 49 | Simon, A. B. | 302 | Bokstein, M. F. | 875 |
| Egorov, V. | 300 | Williams, R. F. | 436 | Weier, J. | 1070, 1071 |
| Nagata, J. | 300 | Hayashi, Y. | 759 | Dyer, E. | 1071 |
| Bokstein, M. F. | 301 | Keldys, L. | 874 | Weier, J. | 1189 |

11. Graphs, four color problem. Cf. Combinatorial analysis.

| | | | | | |
|--------------|----------|----------------|-----|-------------|------|
| Izbicki, H. | 161 | Collatz, L. | 443 | Yaakson, H. | 671 |
| Dirac, G. A. | 161 | Sinogowitz, U. | 443 | Riordan, J. | 831 |
| Fiedler, M. | 303 | Kotzig, A. | 443 | Read, R. C. | 876 |
| Harary, F. | 379 | Supnick, F. | 514 | Kotzig, A. | 876 |
| Kelly, P. J. | 442 | Havel, V. | 627 | Berge, C. | 1024 |
| Sedláček, J. | 442, 443 | Dirac, G. A. | 671 | Gale, D. | 1024 |

TOPOLOGY: GENERAL. Cf. Measure, integration 7; Topological algebraic structures.

| | | | |
|-----------------|-----|------------|------|
| *Kruatowski, C. | 873 | Borsuk, K. | 1186 |
|-----------------|-----|------------|------|

TOPOLOGY: GENERAL. (Continued).

1. Sets on a line and in Euclidean space. Cf. Measure, integration.

| | | | | | |
|--------------------|-----|----------------|------|------------------|------|
| Ford, L. R. | 48 | Sekanina, M. | 667 | Dekker, T. J. | 1068 |
| Massaro, G. P. | 156 | Grünbaum, B. | 667 | Viola, T. | 1068 |
| Bourgoin, D. G. | 301 | Lages Lima, E. | 569 | de Vito, L. | 1186 |
| Weier, J. | 435 | Grünbaum, B. | 763 | Molski, R. | 1186 |
| Rodnyanskiĭ, A. M. | 436 | Keldys', L. | 874 | Balcerzyk, S. | |
| Fort, M. K., Jr. | 436 | Wunderlich, W. | 874 | Mycielski, J. | 1187 |
| Scorza Dragoni, G. | 437 | Kuratowski, K. | 970 | Bing, R. H. | 1187 |
| Borsuk, K. | 567 | Rudin, M. E. | 970 | Fort, M. K., Jr. | 1188 |
| Jewett, J. | 667 | Dekker, T. J. | 1068 | Curtis, M. L. | 1188 |
| | | de Groot, J. | 874 | Reichbach, M. | 1245 |

2. Covering theorems. Cf. Convex domains 1.

| | | | | | |
|------------------|-----|------------------|----------|-------------|------|
| Fet, A. I. | 53 | Mansfield, M. J. | 436 | Hayashi, Y. | 874 |
| Mostow, G. D. | 291 | Iséki, K. | 667, 873 | Mrowka, S. | 1068 |
| Banaschewski, B. | 297 | | | | |

3. Foundations, topological spaces, abstract theory, limits and generalized limits.

| | | | | | |
|----------------------------|------|-----------------------|----------|--------------------|----------|
| Pinsker, A. G. | 5, 7 | Michael, E. | 299 | Hayashi, Y. | 758 |
| Rudin, W. | 46 | Wagner, F. J. | 436 | Papic, P. | 758 |
| Bruns, G. | 49 | Mansfield, M. J. | 436 | Sikorski, R. | 830 |
| Bernstein, I. | 49 | Nagata, J. | 436 | Iséki, K. | 873, 874 |
| Morita, K. | 49 | Lintz, R. G. | 437 | Hayashi, Y. | 874 |
| Pontrjagin, L. S. | 152 | Borisovič, Yu. G. | 564 | Katětov, M. | 874 |
| Pomilio, I. | 156 | de Albuquerque, L. M. | 567, 568 | Strother, W. L. | |
| Ciarrapico, L. | 156 | Mrowka, S. | 568 | Ward, L. E., Jr. | 874 |
| Ribeiro de Albuquerque, J. | 156 | Rudin, M. E. | 568 | Kubenskiĭ, A. A. | 971 |
| Nagata, J. | 156 | Klee, V. L., Jr. | 568 | Parovičenko, I. I. | 971 |
| Isbell, J. R. | 156 | Whyburn, G. T. | 568 | Kowalsky, H.-J. | 971 |
| Dowker, C. H. | 157 | Halfar, E. | 667 | Abian, S. | 1042 |
| Banaschewski, B. | 157 | Kasahara, S. | 668 | Hulanicki, A. | 1063 |
| Nagata, J. | 157 | Iséki, K. | 668 | Mrowka, S. | 1068 |
| Papic, P. | 157 | Kasahara, S. | 668 | Motchane, L. | 1069 |
| Pursell, L. E. | 297 | Iséki, K. | 668 | Kerstan, J. | 1069 |
| Isiwata, T. | 298 | Lee, C. N. | 668 | Isiwata, T. | 1069 |
| Sik, F. | 298 | Švarc, A. S. | 668 | Hanner, O. | 1069 |
| Sinclair, A. | 298 | Engelking, R. | 668 | de Vries, H. | 1069 |
| Ciarrapico, L. | 298 | Aquaro, G. | 668 | Mrowka, S. | 1069 |
| Behrend, F. A. | 298 | Mrowka, S. | 668, 669 | Bruns, G. | 1152 |
| Morita, K. | 298 | Sik, F. | 757 | Gillman, L. | 1156 |
| Hanai, S. | 299 | Iséki, K. | 757, 758 | Henriksen, M. | 1186 |
| Stone, A. H. | 299 | Hanai, S. | 758 | Kerstan, J. | 1187 |
| | | Morita, K. | 758 | Choquet, G. | 1187 |
| | | Suzuki, J. | 758 | Kac, G. I. | 1187 |

4. Metric and uniform spaces. Cf. Convex domains 3.

| | | | | | |
|-------------------|-----|--------------------|----------|------------------|------|
| McAuley, L. F. | 49 | Egorov, V. | 300 | de Groot, J. | 874 |
| Kolmogorov, A. N. | 69 | Nagata, J. | 300 | Sersnev, M. | 971 |
| Nagata, J. | 156 | Williams, R. F. | 436 | Kowalsky, H.-J. | 971 |
| Isbell, J. R. | 156 | Nagata, J. | 436 | Ganea, T. | 971 |
| Banaschewski, B. | 156 | Švarc, A. S. | 436 | Albrecht, F. | 971 |
| Nagata, J. | 157 | Yurukin, N. G. | 436 | Tumarkin, L. A. | 971 |
| Papic, P. | 157 | Mamuzić, Z. | 438 | Albuquerque, L. | |
| Mrowka, S. | 158 | Guggenheimer, H. | 444 | Dionisio, J. | 972 |
| Isiwata, T. | 158 | Huhunašvili, G. E. | 565 | Farinha, J. | |
| Behrend, F. A. | 298 | Mrowka, S. | 568 | Aronszajn, N. | |
| Morita, K. | 299 | Tumarkin, L. A. | 568 | Panitchpakdi, P. | 1069 |
| Hanai, S. | 299 | Iséki, K. | 668 | Naar, S. K. | 1085 |
| Stone, A. H. | 299 | Mrowka, S. | 668, 669 | Balcerzyk, S. | |
| Michael, E. | 299 | Kopecká, V. | 669 | Mycielski, J. | 1187 |
| Terehova, N. P. | 299 | Kodama, Y. | 671 | Kac, G. I. | 1187 |
| Słowikowski, W. | 299 | Wagner, K. | 758 | Dyer, E. | |
| Mrowka, S. | 299 | Polak, A. I. | 874 | Hamstrom, M.-E. | 1187 |
| Goetz, A. | 299 | | | | |

5. Topology of point sets, curves, continua.

| | | | | | |
|---------------------|-----|---------------------|-----|---------------------|------|
| Wagner, K. | 49 | Munkres, J. | 437 | Cesari, L. | |
| Mohat, J. T. | 49 | Barrett, L. K. | 437 | Fullerton, R. E. | 844 |
| Kochler, F. | 158 | Swingle, P. M. | 437 | Keldys', L. | 874 |
| McAuley, L. F. | 158 | Lintz, R. G. | 437 | Wunderlich, W. | 874 |
| Smirnov, Yu. M. | 300 | Fadell, E. | 438 | Rudin, M. E. | 970 |
| Lelek, A. | 300 | Mamuzić, Z. | 438 | Keldych, L. | 972 |
| Michael, J. H. | 300 | Borsuk, K. | 567 | Hunter, R. P. | 972 |
| Bing, R. H. | 300 | Skornjakov, L. A. | 568 | Harrold, O. G., Jr. | |
| Harrold, O. G., Jr. | 300 | Harrold, O. G., Jr. | 568 | Griffith, H. C. | |
| Whitehead, J. H. C. | 300 | Swingle, P. M. | 669 | Posey, E. E. | 972 |
| Wilder, R. L. | 300 | Krue, I. S. | 669 | Dyer, E. | |
| Plunkett, R. L. | 301 | Hanai, S. | 758 | Hamstrom, M.-E. | 1187 |
| Maude, R. | 402 | Morita, K. | 758 | Bing, R. H. | 1187 |
| Fort, M. K., Jr. | 436 | *Parchomenko, A. S. | 758 | Fort, M. K., Jr. | 1188 |
| Wagner, F. J. | 436 | | | Curtis, M. L. | 1188 |
| Scorza Dragoni, G. | 437 | | | | |

TOPOLOGY: GENERAL. (Continued).

6. Fixed point properties. Cf. Topological vector spaces 12; Topology: algebraic 5.

| | | | | | |
|-----------------|-----|---------------------|-----|-----------------|------|
| Plunkett, R. L. | 301 | Sternberg, S. | 568 | Albuquerque, L. | |
| Hamilton, O. H. | 301 | Lokucievskiĭ, O. V. | 669 | Dionisio, J. | |
| Bourgoin, D. G. | 301 | Dal Soglio, L. | 758 | Farinha, J. | 972 |
| Weier, J. | 435 | | | Beck, A. | 1064 |

7. Topological dynamics. Cf. Differential equations: ordinary 11.

| | | | | | |
|--------------------|----|-----------------|-----|---------------|------|
| Sucheston, L. | 21 | Sternberg, S. | 568 | Conner, P. E. | |
| Trjitzinsky, W. J. | 50 | Schwartzman, S. | 568 | Floyd, E. E. | 1180 |
| | | Grabar, M. I. | 569 | | |

8. Applications to analysis. Cf. Calculus of variations 1; Topological vector spaces 12.

| | | | | | |
|-------------------|-----|-------------------|------|-------------------|------|
| Neugebauer, C. J. | 256 | Aquaro, G. | 668 | Mickle, E. J. | |
| Gahov, F. D. | | Borisovič, Yu. G. | 755 | Neugebauer, C. J. | 1168 |
| Krikunov, Yu. M. | 540 | Albuquerque, L. | | Neugebauer, C. J. | 1168 |
| Bielecki, A. | 549 | Dionisio, J. | 972 | | |
| | | Farinha, J. | 972 | | |
| | | Cesari, L. | 1168 | | |

TORSION. See Elasticity, plasticity 4; Groups and generalizations 2; Topology: algebraic 1.

TOTAL EQUATIONS. See Differential equations: partial 2.

TRANSCENDENCE. See Geometry of numbers; Theory of numbers: analytic 6.

TRANSFINITE NUMBERS. See Foundations 6.

TRANSONIC FLOW. See Fluid mechanics 11.

TRIANGLES. See Geometries, Euclidean and other 3.

TRIGONOMETRIC FUNCTIONS. See Special functions 2; Trigonometric series.

TRIGONOMETRIC INTEGRALS. See Trigonometric series.

TRIGONOMETRIC INTERPOLATION. See Trigonometric series 2.

TRIGONOMETRIC POLYNOMIALS. See Trigonometric series 1.

TRIGONOMETRIC SERIES AND INTEGRALS. Cf. Topological groups; Theory of numbers: analytic.

| | | | | | |
|---------------------|-----|-------------------|------|----------------|------|
| Chandrasekharan, K. | 268 | Pistola, A. | 413 | *Hobson, E. W. | 1166 |
| | | *Lighthill, M. J. | 1066 | | |

1. Trigonometric polynomials, Fourier series. Cf. Numerical methods 17.

| | | | | | |
|----------------|-----|------------------|-----|------------------|------|
| Freud, G. | | Koosis, P. | 413 | Konyuškov, A. A. | 742 |
| Králik, D. | 26 | Montel, P. | 427 | Uf'yanov, P. L. | 742 |
| Mordell, L. J. | 30 | Tumarkin, G. C. | 545 | Timan, A. F. | 742 |
| Doss, R. | 32 | Ganelius, T. | 545 | Yano, K. | 743 |
| Taylor, S. J. | 255 | Slater, N. B. | 546 | Shapiro, V. L. | 850 |
| Kahane, J.-P. | | Wintner, A. | 546 | Timan, M. F. | 947 |
| Salem, R. | 268 | Konyuškov, A. A. | 546 | Lauwerier, H. A. | 957 |
| Rudin, W. | 410 | Leont'ev, A. F. | 643 | Sen, K. K. | 1143 |
| Yano, K. | 412 | Chen, Yung-Ming. | 649 | | |
| Verblunsky, S. | 412 | | | | |

2. Trigonometric interpolation. Cf. Functions of complex variables 23; Numerical methods 3.

| | | | | | |
|---------|-----|--|--|--|--|
| Kis, O. | 649 | | | | |
|---------|-----|--|--|--|--|

3. Fourier coefficients, degree of approximation.

| | | | | | |
|----------------|-----|--------------------|----------|------------------|------|
| Calbi, S. | 31 | Price, J. J. | 411 | Morozov, M. I. | 852 |
| Steckin, S. B. | 31 | Baiada, E. | 412 | Izum, S. | |
| Hartman, P. | 46 | Krabbe, G. L. | 412 | Satō, M. | |
| Kahane, J.-P. | | Cotlar, M. | 563, 564 | Sunouchi, G. | 853 |
| Salem, R. | 268 | Salzer, H. E. | 688 | Efimov, A. V. | 1049 |
| Yano, S. | 269 | Timan, A. F. | 742 | Chen, Yung-Ming. | 1176 |
| Krabbe, G. L. | 294 | Ogievetskiĭ, I. I. | 743 | | |

4. Convergence, summability.

| | | | | | |
|----------------|----|--------------|----|--------------|-----|
| Magarik, V. A. | 31 | Temko, K. V. | 31 | Ossicini, A. | 135 |
|----------------|----|--------------|----|--------------|-----|

TRIGONOMETRIC SERIES AND INTEGRALS. (Continued).

4. Convergence, summability. (Continued).

| | | | | | |
|----------------|-----|----------------|-----|----------------|------|
| Bari, N. K. | 137 | Pistoia, A. | 413 | Izumi, S.- | |
| Chak, A. M. | 138 | Chen, | | Satô, M. | 853 |
| Izumi, S.- | | Kien-Kwong. | 545 | Satô, M. | 854 |
| Satô, M. | 138 | Alexits, G.- | | Bhatt, S. N. | 854 |
| Kinukawa, M. | 138 | Králik, D. | 545 | U'yanov, P. L. | 854 |
| Bhatt, S. N. | 138 | Tomić, M. | 546 | Kumari, | |
| Ishiguro, K. | 268 | Tišan, A. F. | 742 | Sulazana. | 957 |
| Kumari, S. | 269 | Katayama, M. | 743 | Izumi, S.- | |
| Yano, S. | 269 | Yano, K. | 743 | Kinukawa, M. | 957 |
| Kinukawa, M. | 269 | Hirokawa, H. | 851 | Ishiguro, K. | 957 |
| Price, J. J. | 411 | Morozov, M. I. | 852 | Keogh, F. R. | 1050 |
| Watari, C. | 412 | Kanno, K. | 853 | Erdős, P.- | |
| Tandori, K. | 412 | Izumi, S. | 853 | Taylor, S. J. | 1050 |
| Yano, K. | 412 | Satô, M. | 853 | Tolstov, G. P. | 1176 |
| Verblunsky, S. | 412 | | | Manaresi, F. | 1176 |

5. Absolute convergence.

| | | | | | |
|-------------------|-----|-------------|-----|---------------|------|
| Kahane, J.-P.- | | Chen, | | Izumi, S.- | |
| Salem, R. | 31 | Kien-Kwong. | 545 | Satô, M.- | |
| Čereiskaya, V. I. | 31 | | | Uchiyama, S. | 649 |
| Pistoia, A. | 413 | | | Kahane, J.-P. | 1050 |

6. Double and multiple series.

| | | | | | |
|----------------|-----|----------------|-----|--------------|------|
| Musielak, J. | 269 | Manaresi, F. | 649 | Manaresi, F. | 1176 |
| Shapiro, V. L. | 644 | Shapiro, V. L. | 854 | | |

7. Fourier integrals. Cf. Integral transforms 2.

| | | | | | |
|------------------|-----|----------------|-----|----------------|-----|
| Gavrilyuk, V. T. | 255 | Domar, V. | 413 | Hopf, E. | 649 |
| Hewitt, E.- | | Michlin, S. G. | 546 | Lubich, Yu. I. | 743 |
| Wigner, E. P. | 270 | Koosis, P. | 648 | Ignaczak, J. | 792 |
| Sanoyan, V. G. | 346 | | | | |

8. Almost periodic functions. Cf. Sequences, series 3; Topological groups.

| | | | | | |
|-----------------|-----|---------------|-----|--------------|-----|
| Doss, R. | 32 | Levin, B. Ya. | 402 | Musielak, J. | 957 |
| Kestelman, H. | 269 | Koosis, P. | 413 | Følner, E. | 958 |
| Upton, C. J. F. | 269 | Cinquini, S. | 649 | | |

TRIGONOMETRY. See Geometries, Euclidean and other 2, 8.

TSCHEBYSCHIEFF POLYNOMIALS. See Approximations and expansions; Special functions 1.

TURBULENCE. See Fluid mechanics 8.

UNIFIED FIELD THEORIES. See Relativity 3.

UNIFORM SPACES. See Topology: general 5.

UNIFORMIZATION. See Functions of complex variables 14.

UNIVALENT FUNCTIONS. See Functions of complex variables 19.

UNIVERSAL ALGEBRA, MISCELLANEOUS ALGEBRAIC SYSTEMS. Cf. Foundations; Groups and generalizations 1.

| | | | | | |
|----------------|-----|---------------|-----|-----------------|------|
| Mal'cev, A. I. | 240 | Nolin, L. | 725 | Thurston, H. A. | 1033 |
| Dwinger, P. | 240 | Yaqub, A. | 831 | Gautam, N. D. | 1152 |
| Rado, R. | 522 | Hashimoto, J. | 935 | Lowig, H. F. J. | 1153 |

VALUATIONS. See Algebraic numbers; Fields, rings 3.

VARIETIES. See Algebraic geometry; Complex manifolds; Differential geometry; Manifolds, connections; Topology: algebraic 3, 4.

VECTOR SPACES. See Geometries, Euclidean and other; Linear algebra; Topological vector spaces.

VECTORS, TENSORS. See Differential geometry 3, 10; Geometries, Euclidean and other 7; Linear algebra.

VIBRATIONS. See Differential equations: ordinary; Differential equations: partial 12; Elasticity, plasticity 8; Mechanics 5; Numerical methods.

VISCO-ELASTICITY. See Elasticity, plasticity 11; Fluid mechanics 15.

VISCOUS FLUIDS. See Fluid mechanics 5.

WARING PROBLEM. See Theory of numbers: analytic 4; Theory of numbers: general 4.

WAVE GUIDES. See Optics, electromagnetic theory 8.

WAVE MECHANICS. See Quantum mechanics.

WAVE OPTICS. See Optics, electromagnetic theory 2.

WAVES. See Elasticity, plasticity 10; Fluid mechanics 4, 13, 14; Geophysics 1, 2, 3; Optics, electromagnetic theory.

WEBS. See Differential geometry 6.

WORD PROBLEMS. See foundations; Groups and generalizations 1; Universal algebra.

ZEROS. See Functions of complex variables 5; Numerical methods 9; Polynomials 1.

ZETA FUNCTIONS. See Algebraic numbers; Sequences, series 3; Theory of numbers: analytic 2.

ABBREVIATIONS OF NAMES OF JOURNALS

This list gives the form of reference and the complete title (when it differs from this form) for all journals currently received by MATHEMATICAL REVIEWS. The titles are generally given in the order in which they appear on the title page; the place of publication and other pertinent information are given in parentheses when desirable for clarity; the term "formerly" used in some of these parentheses may refer either to a change in the title of the journal or to a change in the abbreviation used in MATHEMATICAL REVIEWS. The abbreviations are generally formed by abbreviating the principal words in the title in the order in which they occur; however, geographical and proper names are kept intact except for grammatical endings.

Many journals carry a title in the national language of the country and in one or more other languages. In general, the title which is abbreviated is the one in the national language. However, this policy is not carried through consistently. In particular, scripts other than Roman, Cyrillic and Greek are disregarded unless no title in one of these three scripts appears.

Some journals which have been discontinued or which are no longer received are omitted from this list but appear in those published in volumes 9 through 18.

Abh. Akad. Wiss. Göttingen. Math.-Phys. Kl. Abhandlungen der Akademie der Wissenschaften in Göttingen. Mathematisch-Physikalische Klasse.

Abh. Deutsch. Akad. Wiss. Berlin. Kl. Chem. Geol. Biol. Abhandlungen der Deutschen Akademie der Wissenschaften zu Berlin. Klasse für Chemie, Geologie und Biologie.

Abh. Deutsch. Akad. Wiss. Berlin. Kl. Math. Phys. Tech. Abhandlungen der Deutschen Akademie der Wissenschaften zu Berlin. Klasse für Mathematik, Physik und Technik.

Abh. Dokumentationszentrums Technik Wirtschaft. Abhandlungen des Dokumentationszentrums der Technik und Wirtschaft. (Vienna)

Abh. Math. Sem. Univ. Hamburg. Abhandlungen aus dem Mathematischen Seminar der Universität Hamburg.

Abh. Sächs. Akad. Wiss. Math.-Nat. Kl. Abhandlungen der Sächsischen Akademie der Wissenschaften zu Leipzig. Mathematisch-Naturwissenschaftliche Klasse.

Acad. R. P. Romîne. An. Romîno-Soviet. Ser. Mat.-Fiz. Academia Republicii Populare Romîne. Institutul de Studii Romîno-Sovietice. Analele Romîno-Sovietice. Seria Matematică-Fizică. Rumyno-Sovetskîe Zapiski. Fiziko-Matematicheskaya Seriya. (Bucharest)

Acad. R. P. Romîne. Baza Cerc. Şti. Timişoara. Stud. Cerc. Şti. See *Acad. R. P. Romîne. Baza Cerc. Şti. Timişoara. Stud. Cerc. Şti. Ser. Şti. Tehn.*

Acad. R. P. Romîne. Baza Cerc. Şti. Timişoara. Stud. Cerc. Şti. Ser. Şti. Tehn. Academia Republicii Populare Romîne. Baza de Cercetări Ştiinţifice Timişoara. Studii şi Cercetări Ştiinţifice. Seria Ştiinţe Tehnice. (Timişoara)

Acad. R. P. Romîne. Bul. Şti. Şec. Şti. Mat. Fiz. Academia Republicii Populare Romîne. Buletin Ştiinţific. Şecţiunea de Ştiinţe Matematice şi Fizice. Académie de la République Populaire Roumaine. Bulletin Scientifique. Section des Sciences Mathématiques et Physiques. Akademiya Rumynskoi Narodnoi Respubliki. Nauchnyi Vestnik. Otdelenie Matematicheskikh i Fizicheskikh Nauk. (Bucharest)

Acad. R. P. Romîne. Fil. Cluj. Stud. Cerc. Mat. Fiz. Academia Republicii Populare Romîne. Filiala Cluj. Studii şi Cercetări de Matematică şi Fizică. (Cluj. Formerly: *Acad. R. P. Romîne. Fil. Cluj. Stud. Cerc. Şti.*)

Acad. R. P. Romîne. Fil. Cluj. Stud. Cerc. Şti. See *Acad. R. P. Romîne. Fil. Cluj. Stud. Cerc. Mat. Fiz.*

Acad. R. P. Romîne. Fil. Iaşi. Stud. Cerc. Şti. Biol. Şti. Agric. Academia Republicii Populare Romîne. Filiala Iaşi. Studii şi Cercetări Ştiinţifice. Biologie şi Ştiinţe Agricole. (Iaşi)

Acad. R. P. Romîne. Fil. Iaşi. Stud. Cerc. Şti. Chim. Academia Republicii Populare Romîne Filiala Iaşi. Studii şi Cercetări Ştiinţifice. Chimie. (Iaşi)

Acad. R. P. Romîne. Fil. Iaşi. Stud. Cerc. Şti. Filol. Academia Republicii Populare Romîne Filiala Iaşi. Studii şi Cercetări Ştiinţifice. Filologie. (Iaşi)

Acad. R. P. Romîne. Fil. Iaşi. Stud. Cerc. Şti. Fiz. Şti. Tehn. Academia Republicii Populare Romîne. Filiala Iaşi. Studii şi Cercetări Ştiinţifice. Fizică şi Ştiinţe Tehnice. (Iaşi)

Acad. R. P. Romîne. Fil. Iaşi. Stud. Cerc. Şti. Ist. Academia Republicii Populare Romîne. Filiala Iaşi. Studii şi Cercetări Ştiinţifice. Istorie. (Iaşi)

Acad. R. P. Romîne. Fil. Iaşi. Stud. Cerc. Şti. Mat. Academia Republicii Populare Romîne. Filiala Iaşi. Studii şi Cercetări Ştiinţifice. Matematică. (Iaşi) (Formerly: *Acad. R. P. Romîne. Fil. Iaşi. Stud. Cerc. Şti.*)

Acad. R. P. Romîne. Fil. Iaşi. Stud. Cerc. Şti. See *Acad. R. P. Romîne. Fil. Iaşi. Stud. Cerc. Şti. Mat.*

Acad. R. P. Romîne. Stud. Cerc. Mat. Academia Republicii

Populare Romîne. Institutul de Matematică. Studii şi Cercetări Matematice. Matematicheskîe Trudy i Issledovaniya. Études et Recherches Mathématiques. (Bucharest)

Acad. R. P. Romîne. Stud. Cerc. Mec. Metalurgie. Academia Republicii Populare Romîne. Studii şi Cercetări de Mecanică şi Metalurgie. (Bucharest)

Acad. Roy. Belg. Bull. Cl. Sci. Académie Royale de Belgique. Bulletin de la Classe des Sciences. Koninklijke Belgische Academie. Mededelingen van de Klasse der Wetenschappen. (Brussels)

Acad. Roy. Belg. Cl. Sci. Mém. Coll. in 4°. Académie Royale de Belgique. Classe des Sciences. Mémoires. Collection in-4°. Koninklijke Belgische Academie. Klasse der Wetenschappen. Verhandelingen. Verzameling in-4°. (Brussels)

Acad. Roy. Belg. Cl. Sci. Mém. Coll. in 8°. Académie Royale de Belgique. Classe des Sciences. Mémoires. Collection in-8°. Koninklijke Belgische Academie. Klasse der Wetenschappen. Verhandelingen. Verzameling in-8°. (Brussels)

Acad. Serbe. Sci. Publ. Inst. Math. Académie Serbe des Sciences. Publications de l'Institut Mathématique. (Belgrade)

Accad. Patavina Sci. Lett. Arti. Atti Mem. Accademia Patavina di Scienze, Lettere ed Arti. Atti e Memorie. (Padova)

Accad. Sci. Modena. Atti Mem. Accademia di Scienze, Lettere e Arti di Modena. Atti e Memorie.

Acta Acad. Abo. Acta Academiae Aboensis. Mathematica et Physica. (Åbo, = Turku)

Acta Antiqua Acad. Sci. Hungar. Acta Antiqua Academiae Scientiarum Hungaricae. (Budapest)

Acta Arith. Polska Akademia Nauk. Instytut Matematyczny. Acta Arithmetica. (Warsaw)

Acta Astr. Sinica. Acta Astronomica Sinica. (Peking. Title also in Chinese.)

Acta Bioth. Ser. A. Acta Biotheoretica. Series A. (Leiden)

Acta Cryst. Acta Crystallographica. (Copenhagen)

Acta Cuyana Ingen. Universidad Nacional de Cuyo. Acta Cuyana de Ingenieria. Facultad de Ingenieria y Ciencias Exactas Físicas y Naturales. (San Juan, Argentina)

Acta Fac. Nat. Univ. Carol. Pragae. Spisy Vydávané Přírodovědeckou Fakultou University Karlovy. Acta Facultatis Rerum Naturalium Universitatis Carolinae. (Prague)

Acta Fac. Nat. Univ. Comenian. Acta Facultatis Rerum Naturalium Universitatis Comenianae. (Bratislava. Formerly: *Acta Fac. Nat. Univ. Comenian. Math.*)

Acta Fac. Nat. Univ. Comenian. Math. See *Acta Fac. Nat. Univ. Comenian.*

Acta Hydrophys. Deutsche Akademie der Wissenschaften zu Berlin. Institut für Physikalische Hydrographie. Acta Hydrophysica.

Acta Math. Acta Mathematica. (Uppsala)

Acta Math. Acad. Sci. Hungar. Acta Mathematica Academiae Scientiarum Hungaricae. (Budapest)

Acta Math. Sinica. Acta Mathematica Sinica. (Peking. Title also in Chinese.)

Acta Phys. Acad. Sci. Hungar. Acta Physica Academiae Scientiarum Hungaricae. (Budapest)

Acta Phys. Austriaca. Acta Physica Austriaca. (Vienna)

Acta Phys. Polon. Acta Physica Polonica. (Warsaw)

Acta Polytech. See *Acta Polytech. Scandinav.*

Acta Polytech. Scandinav. Acta Polytechnica Scandinavica. (Stockholm. Formerly: *Acta Polytech.*)

Acta Salmant. Ser. Ci. Acta Salmanticensia. Serie de Ciencias. Nueva Serie. (Salamanca)

Acta. Sci. Math. Szeged. Acta Universitatis Szegediensis. Acta Scientiarum Mathematicarum. (Szeged)

- Acta Tech. Acad. Sci. Hungar.* Acta Technica Academiae Scientiarum Hungaricae. (Budapest)
- Acta Univ. Debrecen.* Acta Universitatis Debreceniensis de Ludovico Kossuth Nominatae. (Budapest)
- Acta Univ. Lund. N.S. = Acta Reg. Soc. Physiogr. Lund.* See *Lunds Univ. Arsskr. N.F. Avd. 2 = Kungl. Fysigr. Sällsh. i Lund. Handl. N.F.*
- Actas Acad. Ci. Lima.* Actas de la Academia Nacional de Ciencias Exactas, Físicas y Naturales de Lima.
- Actes Soc. Helv. Sci. Nat.* Actes de la Société Helvétique des Sciences Naturelles. Verhandlungen der Schweizerischen Naturforschenden Gesellschaft. Atti della Società Elvetica di Scienze Naturali. (Basel. Title varies.)
- Actualités Sci. Ind.* Actualités Scientifiques et Industrielles. (Paris)
- Acustica.* (Zürich)
- Advancement in Math.* See *Shuxue Jinzhan.*
- Advances in Physics.* Advances in Physics. A Quarterly Supplement of the Philosophical Magazine. (London)
- Aero. Quart.* The Aeronautical Quarterly. (London)
- Aero. Res. Council. Rep. and Memo.* Ministry of Supply, Aeronautical Research Council. Reports and Memoranda. (London)
- Aeroteca.* L'Aeroteca. (Rome)
- Aircraft Engng.* Aircraft Engineering. (London)
- Akad. Nauk Armyan. SSR. Dohl.* Akademiya Nauk Armyanskoi SSR. Doklady. (Erevan. Title also in Armenian)
- Akad. Nauk Armyan. SSR. Izvestiya Fiz.-Mat. Estest. Tehn. Nauki.* Continued as *Izv. Akad. Nauk Armyan. SSR. Ser. Fiz.-Mat. Nauk*; and *Izv. Akad. Nauk Armyan. SSR. Ser. Tehn. Nauk.*
- Akad. Nauk Armyan. SSR. Soobsh. Inst. Mat. Meh.* Akademiya Nauk Armyanskoi SSR. Soobsheniya Instituta Matematiki i Mehaniki. (Erevan)
- Akad. Nauk Azerbaidzhan. SSR. Trudy Inst. Fiz. Mat.* Akademiya Nauk Azerbaidzhan'skoi SSR. Trudy Instituta Fiziki i Matematiki. (Baku. Title also in Azerbaijani)
- Akad. Nauk BSSR. Trudy Inst. Fiz. Mat.* Akademiya Nauk Belorusskoi SSR. Institut Fiziki i Matematiki. Trudy Instituta Fiziki i Matematiki. (Minsk)
- Akad. Nauk Gruz. SSR. Trudy Tbiliss. Mat. Inst. Razmadze.* Akademiya Nauk Gruzinskoi SSR. Trudy Tbilisskogo Matematicheskogo Instituta imeni A.M. Razmadze. (Tbilisi. Title also in Georgian.)
- Akad. Nauk Kazah. SSR. Izv. Astr. Inst.* Akademiya Nauk Kazah'skoi SSR. Izvestiya Astrofizicheskogo Instituta. (Alma-Ata)
- Akad. Nauk Kazah. SSR. Trudy Sektor. Mat. Meh.* Akademiya Nauk Kazah'skoi SSR. Trudy Sektora Matematiki i Mehaniki. (Alma-Ata)
- Akad. Nauk Latv. SSR. Trudy Inst. Fiz.* Akademiya Nauk Latvii'skoi SSR. Trudy Instituta Fiziki. (Riga)
- Akad. Nauk SSSR. Kristallografiya.* Akademiya Nauk SSSR. Kristallografiya. (Moscow)
- Akad. Nauk Ukrain. SSR. Prikl. Meh.* Akademiya Nauk Ukrain'skoi SSR. Viddil Tehnichnih Nauk. Prikladna Mehanika. (Kiev)
- Akad. Nauk Ukrain. SSR. Vyčisl. Centr. Voprosy Vyčisl. Mat. Tehn.* Akademiya Nauk Ukrain'skoi SSR. Vyčislitel'nyi Centr. Voprosy Vyčislitel'noi Matematiki i Tehniki. (Kiev)
- Akad. Nauk Uzbek. SSR. Trudy Inst. Mat. Meh.* Akademiya Nauk Uzbek'skoi SSR. Trudy Instituta Matematiki i Mehaniki imeni V.I. Romanovskogo. (Tashkent. Title also in Uzbek.)
- Akad. Wiss. Mainz. Abh. Math.-Nat. Kl.* Akademie der Wissenschaften und der Literatur. Abhandlungen der Mathematisch-Naturwissenschaftlichen Klasse. (Mainz)
- Akust. Beihefte.* Akustische Beihefte. (Stuttgart)
- Akust. Z.* Akademiya Nauk SSSR. Akusticheskii Zhurnal. (Moscow)
- Allg. Statist. Arch.* Allgemeines statistisches Archiv. Organ der Deutschen Statistischen Gesellschaft. (Münich)
- Alta Frequenza.* (Milan)
- Amer. J. Math.* American Journal of Mathematics. (Baltimore, Md.)
- Amer. J. Phys.* American Journal of Physics. (New York)
- Amer. J. Sci.* American Journal of Science. (New Haven, Conn.)
- Amer. Math. Monthly.* The American Mathematical Monthly. (Menasha, Wis.)
- Amer. Math. Soc. Transl.* American Mathematical Society Translation. (Providence, R.I.)
- Amer. Statist.* The American Statistician. (Washington, D. C.)
- American Scientist.* (Easton, Pa.)
- An. Acad. Brasil. Ci.* Anais da Academia Brasileira de Ciencias. (Rio de Janeiro)
- An. Fac. Ci. Porto.* Anais de Faculdade de Ciências do Porto.
- An. Real Soc. Españ. Fis. Quim. Ser. A.* Anales de la Real Sociedad Española de Física y Química. Serie A - Física. (Madrid)
- An. Soc. Ci. Argentina.* Anales de la Sociedad Científica Argentina. (Buenos Aires)
- An. Ști. Univ. "Al. I. Cuza" Iași. Secț. I.* Analele Științifice ale Universității "Al. I. Cuza" din Iași. (Serie Nouă). Secțiunea I. (Matematică, Fizică, Chimie).
- An. Ști. Univ. "Al. I. Cuza" Iași. Secț. II.* Analele Științifice ale Universității "Al. I. Cuza" din Iași. (Serie Nouă). Secțiunea II. (Științe Naturale-Geografie). (Iași)
- An. Univ. "C. I. Parhon" București. Ser. Acta Logica.* Analele Universității "C. I. Parhon" București. Seria Acta Logica. (Bucharest)
- An. Univ. "C. I. Parhon" București. Ser. Ști. Nat.* Analele Universității "C. I. Parhon" București. Seria Științelor Naturii. (Bucharest. Formerly: *Rev. Univ. "C. I. Parhon" Politehn. București Ser. Ști. Nat.*)
- Ann. Acad. Roy. Belg.* Annuaire de l'Académie Royale de Belgique. Jaarboek van de Koninklijke Belgische Academie. (Brussels)
- Ann. Acad. Sci. Fenn. Ser. A. I.* Suomalaisen Tiedeakatemian Toimituksia. Sarja A. Annales Academiae Scientiarum Fennicae. Series A. I. Mathematica. (Helsinki. Formerly: Suomalaisen Tiedeakatemian Toimituksia. Sarja A. Annales Academiae Scientiarum Fennicae. Series A. I. Mathematica-Physica)
- Ann. Acad. Sci. Fenn. Ser. A. III.* Suomalaisen Tiedeakatemian Toimituksia. Sarja A. Annales Academiae Scientiarum Fennicae. Series A. III. Geologica-Geographica. (Helsinki)
- Ann. Acad. Sci. Fenn. Ser. A. VI.* Suomalaisen Tiedeakatemian Toimituksia. Sarja A. Annales Academiae Scientiarum Fennicae. Series A. VI. Physica. (Helsinki)
- Ann. Astrophys.* Annales d'Astrophysique. (Paris)
- Ann. Fac. Sci. Univ. Toulouse.* Annales de la Faculté des Sciences de l'Université de Toulouse pour les Sciences Mathématiques et les Sciences Physiques.
- Ann. Geofis.* Annali di Geofisica. Rivista dell'Istituto Nazionale di Geofisica. (Rome)
- Ann. Géophys.* Annales de Géophysique. (Paris)
- Ann. Human Genetics.* Annals of Human Genetics. (London)
- Ann. Inst. Fourier. Grenoble.* Université de Grenoble. Annales de l'Institut Fourier.
- Ann. Inst. H. Poincaré.* Annales de l'Institut Henri Poincaré. (Paris)
- Ann. Inst. Statist. Math. Tokyo.* Annals of the Institute of Statistical Mathematics. (Tokyo)
- Ann. Mat. Pura Appl.* Annali di Matematica Pura ed Applicata. (Bologna)
- Ann. Math. Statist.* The Annals of Mathematical Statistics. (Baltimore, Md.)
- Ann. New York Acad. Sci.* Annals of the New York Academy of Sciences.
- Ann. of Math.* Annals of Mathematics. (Princeton, N. J.)
- Ann. of Sci.* Annals of Science. (London)
- Ann. Physics.* Annals of Physics. (New York)
- Ann. Physik.* Annalen der Physik. (Leipzig)
- Ann. Physique.* Annales de Physique. (Paris)
- Ann. Polon. Math.* Polska Akademia Nauk. Annales Polonici Mathematici. (Warsaw)
- Ann. Ponts Chaussées.* Annales de Ponts et Chaussées. (Paris)
- Ann. Radioélec.* Annales de Radioélectricité. (Paris)
- Ann. Sci. École Norm. Sup.* Annales Scientifiques de l'École Normale Supérieure. (Paris)
- Ann. Scuola Norm. Sup. Pisa.* Annali della Scuola Normale Superiore di Pisa. Scienze Fisiche e Matematiche.
- Ann. Soc. Sci. Bruxelles. Sér. I.* Annales de la Société Scientifique de Bruxelles. Série I. Sciences Mathématiques, Astronomiques et Physiques. (Title varies.)
- Ann. Télécommun.* Annales des Télécommunications. (Paris)
- Ann. Univ. Ferrara. Ser. VII.* Annali dell'Università di Ferrara. (Nuovo Serie.) Sezione VII. Scienze Matematiche.
- Ann. Univ. Lyon.* Continued as *Ann. Univ. Lyon. Sect. A*; and *Ann. Univ. Lyon. Sect. B*.
- Ann. Univ. Lyon. Sect. A.* Annales de l'Université de Lyon. Section A. Sciences Mathématiques et Astronomie. (Formerly: *Ann. Univ. Lyon*)
- Ann. Univ. Lyon. Sect. B.* Annales de l'Université de Lyon. Section B. Sciences Physiques et Chimiques. (Formerly: *Ann. Univ. Lyon*)
- Ann. Univ. Mariae Curie-Skłodowska. Sect. A.* Annales Universitatis Mariae Curie-Skłodowska. Section A. Mathematica. (Lublin. Title also in Polish.)

- Ann. Univ. Mariae Curie-Skłodowska. Sect. AA. Annales Universitatis Mariae Curie-Skłodowska. Section AA. Physics and Chemistry. (Lublin. Title also in Polish.)*
- Ann. Univ. Sarav. Annales Universitatis Saraviensis. (Saarbrücken)*
- Ann. Univ. Sci. Budapest. Eötvös. Sect. Math. Annales Universitatis Scientiarum Budapestinensis de Rolando Eötvös nominatae. Sectio Mathematica. (Budapest)*
- Ann. Univ. Turku. Ser. A1. Annales Universitatis Turkuensis. Series A1. (Turku)*
- Annuaire Fac. Sci. Phys. Math. Univ. Sofia, Livre I. Godišnik na Fiziko-Matematičeskiya Fakultet. Kniga 1. Annuaire du Faculté - Physique et Mathématiques. Livre 1.*
- Annual Rep. Sci. Works Fac. Sci. Osaka Univ. Annual Report of Scientific Works from the Faculty of Science. Osaka University.*
- Anuário Obs. S. Paulo. Universidade de São Paulo. Instituto Astronômico e Geofísico. Anuário do Observatório de S. Paulo.*
- Appl. Mat. Československá Akademie Véd. Aplikace Matematiky. (Prague)*
- Appl. Mech. Rev. Applied Mechanics Reviews. (New York)*
- Appl. Sci. Res. A. Applied Scientific Research A. (The Hague)*
- Appl. Sci. Res. B. Applied Scientific Research B. (The Hague)*
- Appl. Statist. Applied Statistics. A Journal of the Royal Statistical Society. (London)*
- Arch. Elek. Übertr. Archiv der elektrischen Übertragung. (Stuttgart)*
- Arch. Elektrotech. Archiv für Elektrotechnik. (Berlin-Göttingen-Heidelberg)*
- Arch. Math. Archives of Mathematics. Archiv der Mathematik. Archives Mathématiques. (Basel and Stuttgart. Title varies.)*
- Arch. Math. Logik Grundlagenforsch. Archiv für mathematische Logik und Grundlagenforschung. (Stuttgart)*
- Arch. Math. Naturvid. Archiv for Matematik og Naturvidenskab. (Oslo)*
- Arch. Mech. Stos. Polska Akademia Nauk. Instytut Podstawowych Problemów Techniki. Archiwum Mechaniki Stosowanej. (Warsaw)*
- Arch. Meteorol. Geophys. Bioklimatol. Ser. A. Archiv für Meteorologie, Geophysik und Bioklimatologie. Serie A. Meteorologie und Geophysik. (Vienna)*
- Arch. Rational Mech. Anal. Archive for Rational Mechanics and Analysis. (Berlin)*
- Arch. Sci. Soc. Phys. Hist. Nat. Genève. Archives des Sciences. Société de Physique et d'Histoire Naturelle de Genève.*
- Archimede. Archimede. Rivista per gli Insegnanti e i Cultori di Matematiche Pure e Applicate. (Florence)*
- Ark. Astr. Arkiv för Astronomi. (Stockholm)*
- Ark. Fys. Arkiv för Fysik. (Stockholm)*
- Ark. Geofys. Arkiv för Geofysik. (Stockholm)*
- Ark. Mat. Arkiv för Matematik. (Stockholm)*
- Arkhimedes. (Helsinki)*
- Astr. J. The Astronomical Journal. (New Haven, Conn.)*
- Astr. Jber. Astronomischer Jahresbericht. (Berlin)*
- Astr. Nachr. Astronomische Nachrichten. (Berlin)*
- Astr. Z. Akademiya Nauk Soyuza SSR. Astronomičeskii Zhurnal. (Moscow)*
- Astronaut. Acta. Astronautica Acta. (Vienna)*
- Astronomical Newsletter. (Lille)*
- Astrophys. J. The Astrophysical Journal. (Chicago, Ill.)*
- Astrophys. Norvegica. Astrophysica Norvegica. (Oslo)*
- Atti Accad. Gioenia Catania. Atti della Accademia Gioenia di Scienze Naturali in Catania.*
- Atti Accad. Ligure. Atti della Accademia Ligure di Scienze e Lettere. (Genoa)*
- Atti Accad. Naz. Lincei. Mem. Cl. Sci. Fis. Mat. Nat. Sez. I. Atti della Accademia Nazionale dei Lincei. Memorie. Classe di Scienze Fisiche, Matematiche e Naturali. Sezione I (Matematica, Meccanica, Astronomia, Geodesia e Geofisica). (Rome)*
- Atti Accad. Naz. Lincei. Mem. Cl. Sci. Fis. Mat. Nat. Sez. II. Atti della Accademia Nazionale dei Lincei. Memorie. Classe di Scienze Fisiche, Matematiche e Naturali. Sezione II (Fisica, Chimica, Geologia, Paleontologia e Mineralogia). (Rome)*
- Atti Accad. Naz. Lincei. Rend. Adunanze Gen. Atti della Accademia Nazionale dei Lincei. Rendiconti delle Adunanze Generali a Classi Riunite. (Rome)*
- Atti Accad. Naz. Lincei. Rend. Cl. Sci. Fis. Mat. Nat. Atti della Accademia Nazionale dei Lincei. Rendiconti. Classe di Scienze Fisiche, Matematiche e Naturali. (Rome)*
- Atti. Accad. Sci. Ist. Bologna. Cl. Sci. Fis. Mem. Atti della Accademia delle Scienze dell'Istituto di Bologna. Classe di Scienze Fisiche. Memorie.*
- Atti Accad. Sci. Ist. Bologna. Cl. Sci. Fis. Rend. Atti dell'Accademia delle Scienze dell'Istituto di Bologna. Classe di Scienze Fisiche. Rendiconti. (Title varies.)*
- Atti. Accad. Sci. Lett. Arti Palermo. Parte I. Atti della Accademia di Scienze Lettere e Arti di Palermo. Parte Prima: Scienze. (Palermo)*
- Atti Accad. Sci. Torino. Cl. Sci. Fis. Mat. Nat. Atti della Accademia delle Scienze di Torino. Classe di Scienze Fisiche, Matematiche e Naturali.*
- Atti Sem. Mat. Fis. Univ. Modena. Atti del Seminario Matematico e Fisico dell'Università di Modena.*
- Atti Soc. Nat. Mat. Modena. Atti della Società dei Naturalisti e Matematici di Modena.*
- Atti Soc. Peloritana Sci. Fis. Mat. Nat. Atti della Società Peloritana di Scienze Fisiche Matematiche e Naturali. (Messina)*
- Austral. J. Appl. Sci. Australian Journal of Applied Science. (Melbourne)*
- Austral. J. Phys. Australian Journal of Physics. (Melbourne)*
- Austral. J. Sci. The Australian Journal of Science. (Sydney)*
- Automation Express. (New York)*
- Avh. Norske Vid. Akad. Oslo. I. Avhandlingar Utgitt av det Norske Videnskaps-Akademi i Oslo. I. Mat.-Naturv. Klasse.*
- Automat. i Telemekh. Akademiya Nauk SSSR. Avtomatika i Telemekhanika. (Moscow)*
- Azerbaidžan. Gos. Univ. Uč. Zap. Azerbaidžanskii Gosudarstvennyi Universitet im S. M. Kirova. Učenyje Zapiski. (Baku)*
- Bayer. Akad. Wiss. Math.-Nat. Kl. Abh. Bayerische Akademie der Wissenschaften. Mathematisch-Naturwissenschaftliche Klasse. Abhandlungen. (Munich)*
- Bayer. Akad. Wiss. Math.-Nat. Kl. S.-B. Bayerische Akademie der Wissenschaften. Mathematisch-Naturwissenschaftliche Klasse. Sitzungsberichte. (Munich)*
- Behavioral Sci. Behavioral Science. (Baltimore, Md. and Ann Arbor, Mich.)*
- Bell System Tech. J. The Bell System Technical Journal. (New York)*
- Beloruss. Politehn. Inst. Sb. Nauč. Trudov. Sbornik Naučnih Trudov Belorusskogo Politehničeskogo Instituta. (Minsk)*
- Ber. Verh. Sächs. Akad. Wiss. Leipzig. Math.-Nat. Kl. Berichte über die Verhandlungen der Sächsischen Akademie der Wissenschaften zu Leipzig. Mathematisch-Naturwissenschaftliche Klasse.*
- Bišh. Gos. Ped. Inst. Uč. Zap. Ministerstvo Prosvetšeniya RSFSR. Bišhskii Gosudarstvennyi Pedagogičeskii Institut. Učenyje Zapiski. (Bišh)*
- Biochim. Biophys. Acta. Biochimica et Biophysica Acta. (Amsterdam)*
- Biometrics. Biometrics. Journal of the Biometric Society. (Blacksburg, Va.)*
- Biometrika. (London)*
- Bl. Deutsch. Ges. Versicherungsmath. Blätter der Deutschen Gesellschaft für Versicherungsmathematik. (Würzburg)*
- Bol. Fac. Ingen. Agrimens. Montevideo. Boletín de la Facultad de Ingeniería y Agrimensura de Montevideo. (Formerly listed as: Boletín de la Facultad de Ingeniería de Montevideo.)*
- Bol. Mat. Boletín Matemático. (Buenos Aires)*
- Bol. Soc. Mat. Mexicana. Boletín de la Sociedad Matemática Mexicana. (Mexico, D. F.)*
- Bol. Soc. Mat. São Paulo. Boletim da Sociedade de Matemática de São Paulo.*
- Boll. Pubbl. Italiane. Bollettino delle Pubblicazioni Italiane. (Florence)*
- Boll. Un. Mat. Ital. Bollettino della Unione Matematica Italiana. (Bologna)*
- Bonn. Math. Schr. Bonner Mathematische Schriften. (Bonn)*
- British J. Philos. Sci. The British Journal for the Philosophy of Science. (Edinburgh and London)*
- Bul. Inst. Politehn. București. Buletinul Institutului Politehnic. București. (Bucharest)*
- Bul. Inst. Politehn. Iași. Buletinul Institutului Politehnic din Iași. Serie nouă.*
- Bulgar. Akad. Nauk. Izv. Mat. Inst. Bŭlgarska Akademiya na Naukite. Otdelenie za Fiziko-Matematičeski i Tehničeski Nauki. Izvestiya na Matematičeskiya Institut. (Sofia)*
- Bulgar. Akad. Nauk. Trudove Central. Lab. Geod. Bŭlgarska Akademiya na Naukite. Otdelenie za Fiziko-Matematičeski i Tehničeski Nauki. Trudove na Centralnata Laboratoriya po Geodeziya. (Sofia)*

- Bull. Acad. Polon. Sci. Cl. III.* Continued as *Bull. Acad. Polon. Sci. Sér. Sci. Math. Astr. Phys.*; and *Bull. Acad. Polon. Sci. Sér. Sci. Chim. Géol. Géograph.*
- Bull. Acad. Polon. Sci. Sér. Sci. Chim. Géol. Géograph.* Bulletin de l'Académie Polonaise des Sciences. Série des Sciences Chimiques, Géologiques et Géographiques. (Warsaw. Formerly: *Bull. Acad. Polon. Sci. Cl. III*)
- Bull. Acad. Polon. Sci. Sér. Sci. Math. Astr. Phys.* Bulletin de l'Académie Polonaise des Sciences. Série des Sciences Mathématiques, Astronomiques et Physiques. (Warsaw. Formerly: *Bull. Acad. Polon. Sci. Cl. III*)
- Bull. Acad. Serbe Sci. Cl. Sci. Math.-Nat. Sci. Math.* Bulletin de l'Académie Serbe des Sciences. Classe des Sciences Mathématiques et Naturelles Sciences. Mathématiques (N.S.). (Belgrade)
- Bull. Acad. Serbe Sci. Cl. Sci. Tech.* Bulletin de l'Académie Serbe des Sciences. Nouvelle Série. Classe des Sciences Techniques. (Belgrade)
- Bull. Allahabad Univ. Math. Assoc.* The Bulletin of the Allahabad University Mathematical Association.
- Bull. Amer. Math. Soc.* Bulletin of the American Mathematical Society. (Providence, R.I.)
- Bull. Astr.* Bulletin Astronomique. (Paris)
- Bull. Astr. Inst. Netherlands.* Bulletin of the Astronomical Institutes of the Netherlands. (Haarlem)
- Bull. Calcutta Math. Soc.* Bulletin of the Calcutta Mathematical Society.
- Bull. Coll. Arts Sci. Baghdad.* Bulletin of the College of Arts and Sciences, Baghdad.
- Bull. Earthquake Res. Inst. Tokyo.* Bulletin of the Earthquake Research Institute, University of Tokyo.
- Bull. Fukuoka Gakugei Univ. III.* Bulletin of Fukuoka Gakugei University. III. Natural Sciences.
- Bull. Géodésique.* Bulletin Géodésique. (Paris)
- Bull. Inst. Nuclear Sci. "Boris Kidrich".* Bulletin of the Institute of Nuclear Sciences "Boris Kidrich". Recueil de Travaux de l'Institut de Recherches sur la Structure de la Matière. (Belgrade)
- Bull. Internat. Acad. Yougoslave. Cl. Sci. Math. Phys. Tech.* Bulletin International de l'Académie Yougoslave des Sciences et des Beaux-Arts. Classe des Sciences Mathématiques, Physiques et Techniques. (Zagreb)
- Bull. JSME.* Bulletin of JSME. (Tokyo)
- Bull. Kyoto Gakugei Univ. Ser. B.* Bulletin of the Kyoto Gakugei University. Ser. B. Mathematics and Natural Science.
- Bull. Kyushu Inst. Tech. (Math. Nat. Sci.).* Bulletin of the Kyushu Institute of Technology (Mathematics, Natural Science.). (Tobata)
- Bull. Math. Biophys.* The Bulletin of Mathematical Biophysics. (Chicago, Ill.)
- Bull. Math. Soc. Sci. Math. Phys. R. P. Roumains.* Bulletin Mathématique de la Société des Sciences Mathématiques et Physiques de la République Populaire Roumaine. (N.S.) (Bucharest)
- Bull. Math. Statist.* Bulletin of Mathematical Statistics. (Fukuoka)
- Bull. Provisional Internat. Comput. Centre.* Bulletin of the Provisional International Computation Centre. (Rome)
- Bull. Res. Council Israel. Sect. A.* Bulletin of the Research Council of Israel. Section A. Mathematics, Physics and Chemistry. (Jerusalem. See *Bull. Res. Council Israel. Sect. F*)
- Bull. Res. Council Israel. Sect. F.* Bulletin of the Research Council of Israel. Section F. Mathematics and Physics. (Jerusalem. Formerly: *Bull. Res. Council Israel. Sect. A.*)
- Bull. Sci. Math.* Bulletin des Sciences Mathématiques. (Paris)
- Bull. Seismol. Soc. America.* Bulletin of the Seismological Society of America. (Berkeley, Calif.)
- Bull. Soc. Math. Belg.* Bulletin de la Société Mathématique de Belgique. (Brussels)
- Bull. Soc. Math. France.* Bulletin de la Société Mathématique de France. (Paris)
- Bull. Soc. Math. Phys. Macédoine.* Bulletin de la Société des Mathématiciens et des Physiciens de la République Populaire de Macédoine. Bilten na Društvo na Matematikarite i Fizikarite od Narodna Republika Makedonija. (Skopje)
- Bull. Soc. Math. Phys. Serbie.* Bulletin de la Société des Mathématiciens et Physiciens de la R. P. de Serbie. Vestnik Društva Matematikara i Fizikara Narodne Republike Srbije. (Belgrade)
- Bull. Soc. Roy. Sci. Liège.* Bulletin de la Société Royale des Sciences de Liège.
- Bull. Soc. Sci. Afrique Nord. Sci. Math. Phys.* Bulletin de la Société des Sciences de l'Afrique du Nord. Sciences Mathématiques et Physiques. (Algiers)
- Bull. Tech. Suisse Romande.* Bulletin Technique de la Suisse Romande. (Lausanne)
- Bull. Tech. Univ. Istanbul.* Istanbul Teknik Üniversitesi Bülteni. Bulletin of the Technical University of Istanbul.
- Bull. Tokyo Inst. Tech. Ser. B.* Bulletin of the Tokyo Institute of Technology. Series B.
- Bull. Trimest. Inst. Actuaire Franc.* Bulletin Trimestriel de l'Institut des Actuaire Français. (Paris)
- Bull. Univ. Osaka Prefecture Ser. A.* Bulletin of University of Osaka Prefecture. Series A. Engineering and Natural Sciences.
- Bull. Yamagata Univ. (Nat. Sci.)* Bulletin of the Yamagata University. (Natural Science.)
- Buryat-Mongol. Gos. Ped. Inst. Uč. Zap. Kafedr. Mat.* Buryat-Mongol'skii Gosudarstvennyi Pedagogičeskii Institut imeni D. Banzarova. Učenyje Zapiski. Kafedra Matematiki. (Ulan-Ude)
- Byull. Inst. Teoret. Astr.* Akademiya Nauk Soyuz Sovetskikh Socialističeskikh Respublik. Byulleten' Instituta Teoretičeskoi Astronomii. (Moscow)
- C. R. Acad. Bulgare Sci.* Doklady Bolgarskoj Akademii Nauk. Comptes Rendus de l'Académie Bulgare des Sciences. (Sofia)
- C. R. Acad. Sci. Paris.* Comptes Rendus Hebdomadaires des Séances de l'Académie des Sciences. (Paris)
- Cahiers Centre Etudes Rech. Oper.* Cahiers du Centre d'Etudes de Recherche Operationnelle. (Brussels)
- Cahiers de Phys.* Cahiers de Physique. (Paris)
- Cahiers Rhodan.* Cahiers Rhodaniens. (Lyon)
- Calc. Automat. y Cibernet.* Calculo Automatico y Cibernetica. (Madrid)
- Calcutta Statist. Assoc. Bull.* Calcutta Statistical Association Bulletin.
- Canad. J. Math.* Canadian Journal of Mathematics. Journal Canadien de Mathématiques. (Toronto)
- Canad. J. Phys.* Canadian Journal of Physics. (Ottawa)
- Canad. Math. Bull.* Canadian Mathematical Bulletin. Bulletin Canadien de mathématiques. (Toronto)
- Časopis Pěst. Mat.* Československá Akademie Věd. Časopis pro Pěstování Matematiky. (Prague)
- Centaurus.* (Copenhagen)
- Cernivec. Derž. Univ. Nauh. Zap. Ser. Fiz.-Mat. Nauh.* Ministerstvo Višoi Osviti SRSR. Černivec'kii Deržavnyi Universitet. Naukovi Zapiski. Seriya Fiziko-Matematičnii Nauk. (Kiev)
- Chalmers Tehn. Högsh. Handl.* Chalmers Tekniska Högskolans Handlingar. Transactions of Chalmers University of Technology, Gothenburg, Sweden.
- Chiffres.* Chiffres. Revue de l'Association Française de Calcul. (Grenoble)
- Ci. y Téc.* See *Ci. y Téc. Buenos Aires*.
- Ci. y Téc. Buenos Aires.* Ciencia y Técnica. (Formerly: *Ci. y Téc.*)
- Ci. y Téc., Washington, D. C.* Ciencia y Tecnología.
- Ciência e cultura.* (São Paulo)
- Ciência. Lisboa.* Ciência. Revista da Associação de Estudantes da Faculdade de Ciências de Lisboa.
- Civiltà delle Macchine.* (Rome)
- Coll. Aero. Cranfield. Note.* The College of Aeronautics, Cranfield. Note.
- Coll. Aero. Cranfield. Rep.* The College of Aeronautics, Cranfield. Report.
- Coll. Papers Math. Inst. Fac. Sci. Nagoya Univ.* Collected Papers from the Mathematical Institute. Faculty of Science. Nagoya University.
- Collect. Math.* Consejo Superior de Investigaciones Científicas. Universidad de Barcelona. Collectanea Mathematica.
- Colloq. Acad. Colloquium Mathematicum.* (Warsaw)
- Com. Acad. R. P. Romine.* Comunicările Academiei Republicii Populare Romine. (Bucharest)
- Comm. Dublin Inst. Adv. Studies. Ser. A.* Communications of the Dublin Institute for Advanced Studies. Series A. (Title also in Gaelic.)
- Comm. Fac. Sci. Univ. Ankara.* Communications de la Faculté des Sciences de l'Université d'Ankara. (Istanbul. Continued as *Comm. Fac. Sci. Univ. Ankara. Sér. A.*)
- Comm. Fac. Sci. Univ. Ankara. Sér. A.* Communications de la Faculté des Sciences de l'Université d'Ankara. Série A. Mathématiques-Physique-Astronomie. (Formerly: *Comm. Fac. Sci. Univ. Ankara.*)
- Comm. Pure Appl. Math.* Communications on Pure and Applied Mathematics. (New York)
- Comment. Math. Helv.* Commentarii Mathematici Helvetici. (Zurich)

- Comment. Math. Univ. St. Paul.* Commentarii Mathematici Universitatis Sancti Pauli. Rikkyō Daigaku Sūgaku Zasshi. (Tokyo)
- Commonwealth of Australia. Dept. of Supply. Aero. Res. Consult. Comm. Rep.* Commonwealth of Australia. Department of Supply. Aeronautical Research Consultative Committee. Report. (Melbourne)
- Compositio Math.* Compositio Mathematica. (Groningen)
- Comput. Bull.* The Computer Bulletin. (London)
- Comput. J.* The Computer Journal. (London)
- Computers and Automation.* Computers and Automation. Cybernetics, Robots, Automatic Control. (New York)
- Confer. Sem. Mat. Univ. Bari.* Conferenze del Seminario di Matematica dell'Università di Bari.
- Consiglio Naz. Ricerche. Pubbl. Ist. Appl. Calcolo.* Consiglio Nazionale delle Ricerche. Pubblicazioni dell'Istituto per le Applicazioni del Calcolo. (Rome. Title varies.)
- Cybernetica.* (Namur)
- Czechoslovak J. Phys.* Československá Akademiya Nauk. Československí Fyzikální Žurnal. Czechoslovak Academy of Sciences. Czechoslovak Journal of Physics. (Prague)
- Czechoslovak Math. J.* Československá Akademiya Nauk. Československí Matematickí Žurnal. Czechoslovak Mathematical Journal. (Prague)
- Deutsche Akad. Wiss. Berlin. Veröff. Geodät. Inst. Potsdam.* Deutsche Akademie der Wissenschaften zu Berlin. Veröffentlichungen des Geodätischen Institutes in Potsdam.
- Dialectica.* (Neuchâtel)
- Discussions Faraday Soc.* Discussions of the Faraday Society. (London)
- Dokl. Akad. Nauk Azerbaidžan. SSR.* Doklady Akademii Nauk Azerbaidžanskoi SSR. (Baku. Title also in Azerbaijani)
- Dokl. Akad. Nauk SSSR.* Doklady Akademii Nauk SSSR. (Moscow)
- Dokl. Akad. Nauk Uzbek. SSR.* Doklady Akademii Nauk Uzbekskoi SSR. Uzbekiston Fanlar Akademiyasining Dokladi. (Tashkent)
- Dopovidi Akad. Nauk Ukraïn. RSR.* Dopovidi Akademii Nauk Ukraïn's'koi Radyans'koi Socialističnoi Respubliki. (Kiev)
- Duke Math. J.* Duke Mathematical Journal. (Durham, N. C.)
- Dyna.* Dyna. Revista de la Asociacion Nacional de Ingenieros Industriales de España. (Madrid)
- Econ. Proc. Roy. Dublin Soc.* The Economic Proceedings of the Royal Dublin Society. (Dublin)
- Econometrica.* Econometrica. Journal of the Econometric Society. (Chicago, Ill.)
- Edinburgh Math. Notes.* The Edinburgh Mathematical Notes.
- Eesti NSV Tead. Akad. Toimetised. Tehn. Füüs.-Mat. Tead. Seer.* Eesti NSV Teaduste Akadeemia Toimetised. Tehniliste ja Füüsikalise-Matematiliste Teaduste Seeria. Izvestiya Akademii Nauk Estonskoi SSR. Seriya Tehničeskikh i Fiziko-Matematičeskikh Nauk. (Tallin. Formerly: *Izv. Akad. Nauk. Estón. SSR. Ser. Tehn. Fis.-Mat. Nauk.*)
- Elec. Engrg.* Electrical Engineering. (New York)
- Electronic Engrg.* Electronic Engineering. (London)
- Električestvo.* (Moscow)
- Elektrotech. Z.* Elektrotechnische Zeitschrift. (Berlin)
- Elem. Math.* Elementes der Mathematik. Revue de Mathématiques Élémentaires. Rivista de Matematica Elementare. (Basel)
- Elem. Math. Beiheft.* Beihefte zur Zeitschrift "Elemente der Mathematik". (Basel)
- Eng. e Quím.* Engenharia e Química. (Rio de Janeiro)
- Enseignement Math.* L'Enseignement Mathématique. (Geneva)
- Episteme kai Technē.* Ἐπιστήμη καὶ Τέχνη. (Athens)
- Ericsson Rev.* Ericsson Review. (Stockholm)
- Ericsson Technics.* (Stockholm)
- Escher Wyss News.* (Zurich)
- Estadist. Española.* Estadística Española. (Madrid)
- Euclides, Groningen.* Euclides. Tijdschrift voor de Didactiek der Exacte Vakken. (Groningen)
- Euclides, Madrid.* Euclides. Revista Mensual de Ciencias Exactas, Físicas, Químicas, Naturales y Aplicaciones Técnicas. (Madrid)
- Eureka.* Eureka. The Archimedeans' Journal. (Cambridge, England)
- Experientia.* (Basel)
- Fac. Ingen. Agrimens. Montevideo. Publ. Didact. Inst. Mat.* Estadist. Facultad de Ingeniería y Agrimensura. Montevideo. Publicaciones Didácticas del Instituto de Matemática y Estadística.
- Fac. Ingen. Montevideo. Publ. Inst. Mat. Estadist.* Facultad de Ingeniería Montevideo. Publicaciones del Instituto de Matemática y Estadística.
- Fac. Philos. Univ. Skopje. Sect. Sci. Nat. Annuaire.* Filozofski Fakultet na Univerzitetot-Skopje. Prirodno-Matematički Oddel. Faculté de Philosophie de l'Université de Skopje. Section des Sciences Naturelles. Annuaire.
- Fac. Sci. Statist. Demogr. Attuar. Ist. Statist. Ist. Calcolo Probab.* Facoltà di Scienze Statistiche, Demografiche e Attuariali. Istituto di Statistica e Istituto di Calcolo delle Probabilità. (Rome)
- Flygtekn. Försöksanstalt. Rep.* Flygtekniska Försöksanstalten FFA. The Aeronautical Research Institute of Sweden. Report. (Stockholm)
- Forsch. Gebiete Ingenieurwesens.* Forschung auf dem Gebiete des Ingenieurwesens. (Berlin)
- Fund. Math.* Polska Akademia Nauk. Fundamenta Mathematicae. (Warsaw. Formerly listed as: Fundamenta Mathematicae)
- Funkcial. Ekvac.* Fako de l'Funkcialaj Ekvacioj Japana Matematika Societo. Funkcialaj Ekvacioj. (Serio Internacia) (Tokyo)
- Gac. Mat. Madrid.* Gaceta Matemática. (Madrid)
- Ganita.* (Lucknow)
- Gaz. Fis., Lisboa.* Gazeta de Física. Revista dos Estudantes de Física e dos Físicos e Técnico-Físicos Portugueses. (Lisbon)
- Gaz. Mat. Fiz. Ser. A.* Societatea de Științe Matematice și Fizice din R. P. R. Gazeta Matematică și Fizică. Publicație pentru Studiul și Răspîndirea Științelor Matematice și Fizice. Seria A. (Bucharest)
- Gaz. Mat., Lisboa.* Gazeta de Matemática. (Lisbon)
- Génie Civil.* (Paris)
- Geodæt. Inst., København. Medd.* Geodætisk Institut, København, Meddelelse. (Copenhagen)
- Geodæt. Inst. Skr.* Geodætisk Instituts Skrifter. Mémoires de l'Institut Géodésique de Danemark. (Copenhagen)
- Geofis. Pura Appl.* Geofisica Pura ed Applicata. (Milan)
- Geofys. Publ. Norske Vid.-Akad. Oslo.* Geofysiske Publikasjoner Utgitt av det Norske Videnskaps-Akademi i Oslo.
- Geophys. J.* The Geophysical Journal of the Royal Astronomical Society. (London. Formerly: *Monthly Nol. Roy. Astr. Soc. Geophys. Suppl.*)
- Geophys. Res. Directorate, Air Force Cambridge Res. Center, Cambridge, Mass. Geophys. Res. Papers.* Geophysics Research Directorate, Air Force Cambridge Research Center, Air Research and Development Command. Geophysical Research Papers.
- Geophysics.* (Tulsa, Okla.)
- Giorn. Ist. Ital. Attuari.* Giornale dell'Istituto Italiano degli Attuari. (Rome)
- Giorn. Mat. Battaglini.* Giornale di Matematiche di Battaglini. (Naples)
- Giorn. Mat. Finanz.* Giornale di Matematica Finanziaria. Rivista Tecnica del Credito e della Previdenza. (Rome)
- Glas Srpske Akad. Nauka. Od. Prirod.-Mat. Nauka.* Glas Srpske Akademije Nauka. Odeljenje Prirodno-Matematičkih Nauka. Nova Serija. (Belgrade)
- Glasnik Mat.-Fiz. Astr. Društvo Mat. Fiz. Hrvatske. Ser. II.* Glasnik matematičko-fizički i astronomski. Periodicum mathematico-physicum et astronomicum. Serija II. Društvo matematičara i fizičara Hrvatske. Societas mathematicorum et physicorum Croatiae. (Zagreb)
- Gor'kov. Gos. Univ. Uč. Zap. Sb. Naučn. Stud. Rabot.* Ministerstvo Vysshego Obrazovaniya SSSR. Gor'kovskii Gosudarstvennyi Universitet. Učenyje Zapiski. Sbornik Naučnykh Studentčeskikh Rabot. (Gorki)
- Grodnen. Gos. Ped. Inst. Uč. Zap. Ser. Mat.* Ministerstvo Prosveščeniya BSSR. Grodnenskii Gosudarstvennyi Pedagogičeskii Institut. Učenyje Zapiski. Seriya Matematičeskaya. (Minsk)
- Gruzin. Politehn. Inst. Trudy.* Ordena Trudovogo Krasnogo Znameni Gruzinskii Politehničeskii Institut im. S. M. Kirova. Ministerstva Vysshego Obrazovaniya SSSR. Sbornik Načertatel'noi Geometrii i Inženerno Grafiki. (Tbilisi. Title also in Georgian)
- Har'kov. Gos. Univ. Uč. Zap. = Zap. Mat. Old. Fis.-Mat. Fak. i Har'kov. Mat. Obšč.* Har'kovskii Gosudarstvennyi Universitet imeni A. M. Gor'kogo. Učenyje Zapiski. = Zapiski Matematičeskogo Otdeleniya Fiziko-Matematičeskogo Fakulteta i Har'kovskogo Matematičeskogo Obščestva. (Kharkov)
- Har'kov. Inst. Inž.-Kommun. Stroit. Sb. Nauč. Trud.* Sbornik Naučnykh Trudov Har'kovskogo Instituta Inženerno-Kommunal'nogo Stroitel'stva. (Kharkov)
- Har'kov. Politehn. Inst. Trudy. Ser. Inž.-Fiz.* Trudy Har'kovskogo Politehničeskogo Instituta imeni V. I. Lenina. Seriya Inženerno-Fizičeskaya. (Kharkov)

- Hochfrequenztech. Elektroah.* Hochfrequenztechnik und Elektroakustik. (Leipzig)
- Houille Blanche.* La Houille Blanche. Revue de L'Ingénieur Hydraulicien. (Grenoble)
- IBM J. Res. Develop.* IBM Journal of Research and Development. (New York)
- Illinois J. Math.* Illinois Journal of Mathematics. (Urbana, Ill.)
- Indag Math.* See *Nederl. Akad. Wetensch. Indag. Math.*
- Indian J. Math.* Indian Journal of Mathematics. (Allahabad)
- Indian J. Phys.* Indian Journal of Physics and Proceedings of the Indian Association for the Cultivation of Science. (Calcutta)
- Indian J. Theoret. Phys.* Indian Journal of Theoretical Physics. (Calcutta)
- Information and Control.* (New York)
- Ing.-Arch.* Ingenieur-Archiv. (Berlin-Göttingen-Heidelberg)
- Inst. Hautes Etudes Sci. Publ. Math.* Institut des Hautes Etudes Scientifiques. Publications Mathématiques. (Paris)
- Internat. Math. Nachr.* Internationale Mathematische Nachrichten. (Vienna)
- Int.-Stroitel. Inst. Kuibyhev. Sb. Trudov.* Moskovskii Ordena Trudovogo Krasnogo Znamenii. Inzhenerno-Stroitel'nyi Institut imeni V. V. Kuibysheva. Sbornik Trudov. (Moscow)
- Inžen. Sb. Akademii Nauk SSSR.* Otdelenie Tekhnicheskikh Nauk. Institut Mekhaniki. Inzhenernyi Sbornik. (Moscow)
- Iowa State Coll. J. Sci.* Iowa State College. Journal of Science. (Ames, Iowa)
- Isis.* Isis. An International Review Devoted to the History of Science and Civilization. (Cambridge, Mass.)
- Ist. Lombardo Accad. Sci. Lett. Rend. A.* Istituto Lombardo. Accademia di Scienze e Lettere. Rendiconti. Scienze Matematiche, Fisiche, Chimiche e Geologiche. A. (Milan)
- Ist. Lombardo Accad. Sci. Lett. Rend. B.* Istituto Lombardo. Accademia di Scienze e Lettere. Rendiconti. Scienze Biologiche e Mediche. B. (Milan)
- Ist. Lombardo Sci. Lett. Rend. Parte Gen. e Atti Uff.* Istituto Lombardo di Scienze e Lettere. Rendiconti. Parte Generale e Atti Ufficiali. (Milan)
- Ist. Veneto Sci. Lett. Arti. Atti Cl. Sci. Mat. Nat.* Istituto Veneto de Scienze, Lettere ed Arti. Venezia. Atti. Classe de Scienze Matematiche e Naturali.
- Istor.-Mat. Issled.* Istoriko-Matematičeskie Issledovaniya. (Moscow-Leningrad)
- Ivanov. Energet. Inst. Fiz.-Mat. Sb. Trudov.* Ivanovskii Energetičeskii Institut im. V. N. Lenina. Fiziko-Matematičeskii Sbornik Trudov Ivanovskogo Energetičeskogo Instituta im. V. N. Lenina. (Ivanovo)
- Ivanov. Gos. Ped. Inst. Uč. Zap. Fiz.-Mat. Nauki.* Ivanovskii Gosudarstvennyi Pedagogičeskii Institut. Učenyje Zapiski. Fiziko-Matematičeskie Nauki. (Ivanovo)
- Izv. Akad. Nauk Armyan. SSR. Ser. Fiz.-Mat. Nauk.* Izvestiya Akademii Nauk Armyanskoi SSR. Seriya Fiziko-Matematičeskikh Nauk. (Erevan. Title also in Armenian. Formerly: *Akad. Nauk Armyan. SSR. Izvestiya Fiz.-Mat. Estest. Tehn. Nauki.*)
- Izv. Akad. Nauk Armyan. SSR. Ser. Tehn. Nauk.* Izvestiya Akademii Nauk Armyanskoi SSR. Seriya Tekhnicheskikh Nauk. (Erevan. Title also in Armenian. Formerly: *Akad. Nauk Armyan. SSR. Izvestiya Fiz.-Mat. Estest. Tehn. Nauki.*)
- Izv. Akad. Nauk Azerbaidžan. SSR.* Izvestiya Akademii Nauk Azerbaidžanskoi SSR. (Baku. Title also in Azerbaidžani.)
- Izv. Akad. Nauk Eston. SSR. Ser. Tehn. Fiz.-Mat. Nauk.* See *Eesti NSV Tead. Akad. Toimetised. Tehn. Füüs.-Mat. Tead. Seer.*
- Izv. Akad. Nauk Kazah. SSR. Ser. Mat. Meh.* Izvestiya Akademii Nauk Kazahskoi SSR. Seriya Matematiki i Mekhaniki. (Alma Alta. Title also in Kazakh.)
- Izv. Akad. Nauk SSSR. Old. Tehn. Nauk.* Izvestiya Akademii Nauk SSSR. Otdelenie Tekhnicheskikh Nauk. (Moscow. Continued as *Izv. Akad. Nauk SSSR. Old. Tehn. Nauk. Energet. Avtomat.*)
- Izv. Akad. Nauk SSSR. Old. Tehn. Nauk. Energet. Avtomat.* Izvestiya Akademii Nauk SSSR. Otdelenie Tekhnicheskikh Nauk. Energetika i Avtomatika. (Moscow. Formerly: *Izv. Akad. Nauk SSSR. Old. Tehn. Nauk.*)
- Izv. Akad. Nauk SSSR. Old. Tehn. Nauk. Meh. Mašinost.* Izvestiya Akademii Nauk SSSR. Otdelenie Tekhnicheskikh Nauk. Mekhanika i Mašinostroenie. (Moscow)
- Izv. Akad. Nauk SSSR. Ser. Fiz.* Izvestiya Akademii Nauk SSSR. Seriya Fizicheskaya. (Moscow)
- Izv. Akad. Nauk SSSR. Ser. Geofiz.* Izvestiya Akademii Nauk SSSR. Seriya Geofizicheskaya. (Moscow)
- Izv. Akad. Nauk SSSR. Ser. Geograf.* Izvestiya Akademii Nauk SSSR. Seriya Geograficheskaya. (Moscow)
- Izv. Akad. Nauk SSSR. Ser. Mat.* Izvestiya Akademii Nauk SSSR. Seriya Matematicheskaya. (Moscow)
- Izv. Akad. Nauk UzSSR.* Izvestiya Akademii Nauk UzSSR. (Tashkent. See *Izv. Akad. Nauk UzSSR. Ser. Fiz.-Mat.*)
- Izv. Akad. Nauk UzSSR. Ser. Fiz.-Mat.* Izvestiya Akademii Nauk UzSSR. Seriya Fiziko-Matematičeskikh Nauk. (Tashkent. Title also in Uzbek. Formerly: *Izv. Akad. Nauk UzSSR.*)
- Izv. Bulgar. Akad. Nauk. Old. Fiz.-Mat. Tehn. Nauk. Ser. Fiz.* Izvestiya na Bŭlgarskata Akademiya na Naukite. Otdelenie za Fiziko-Matematičeski i Tehničeski Nauki. Seriya Fizicheska. (Sofia)
- Izv. Dnepropetr. Gorn. Inst.* Izvestiya Dnepropetrovskogo Gornogo Instituta. (Dnepropetrovsk)
- Izv. Kiev. Politehn. Inst.* Izvestiya Kievskogo Politehnicheskogo Instituta. (Kiev)
- Izv. Tomsh. Politehn. Inst.* Izvestiya Tomskogo Politehnicheskogo Instituta imeni S. M. Kirova. (Tomsk)
- J. Acoust. Soc. Amer.* The Journal of the Acoustical Society of America. (New York)
- J. Aero. Sci.* Journal of the Aeronautical Sciences. (New York. See *J. Aero/Space Sci.*)
- J. Aero/Space Sci.* Journal of the Aero/Space Sciences. (New York. Formerly: *J. Aero. Sci.*)
- J. Amer. Statist. Assoc.* Journal of the American Statistical Association. (Washington, D.C.)
- J. Analyse Math.* Journal d'Analyse Mathématique. (Jerusalem)
- J. Annamalai Univ.* Journal of the Annamalai University.
- J. Appl. Math. Mech.* Journal of applied mathematics and mechanics. (New York)
- J. Appl. Mech.* Journal of Applied Mechanics. (New York)
- J. Appl. Phys.* Journal of Applied Physics. (New York)
- J. Assoc. Appl. Phys. Calcutta Univ.* Journal of Association of Applied Physicists. Calcutta University.
- J. Assoc. Comput. Mach.* Journal of the Association for Computing Machinery. (New York)
- J. Burma Res. Soc.* Journal of the Burma Research Society. (Rangoon)
- J. Chem. Phys.* The Journal of Chemical Physics. (New York)
- J. Electronics.* Journal of Electronics. (London. See *J. Electronics Control*)
- J. Electronics Control.* Journal of Electronics and Control. (London. Formerly: *J. Electronics*)
- J. Elisha Mitchell Sci. Soc.* Journal of the Elisha Mitchell Scientific Society. (Chapel Hill, N. C.)
- J. Fac. Engrg. Univ. Tokyo.* Journal of the Faculty of Engineering. University of Tokyo.
- J. Fac. Sci. Hokkaido Univ. Ser. I.* Journal of the Faculty of Science. Hokkaido University. Series I. Mathematics. (Sapporo)
- J. Fac. Sci. Hokkaido Univ. Ser. II.* Journal of the Faculty of Science. Hokkaido University. Series II. Physics. (Sapporo)
- J. Fac. Sci. Niigata Univ. Ser. I.* Journal of the Faculty of Science. Niigata University. Series I. Mathematics, Physics and Chemistry.
- J. Fac. Sci. Univ. Tokyo. Sect. I.* Journal of the Faculty of Science. University of Tokyo. Section I. Mathematics, Astronomy, Physics, Chemistry.
- J. Fluid Mech.* Journal of Fluid Mechanics. (London)
- J. Franklin Inst.* Journal of the Franklin Institute. (Philadelphia, Pa.)
- J. Gakugei Coll. Tokushima Univ. (Nat. Sci.).* See *J. Gakugei Tokushima Univ.*
- J. Gakugei Tokushima Univ.* Journal of the Gakugei College, Tokushima University (Natural Science). (Formerly: *J. Gakugei Coll. Tokushima Univ. (Nat. Sci.).* Title varies.)
- J. Geol.* The Journal of Geology. (Chicago, Ill.)
- J. Hist. Ideas.* Journal of the History of Ideas. (New York)
- J. Indian Inst. Sci.* Journal of the Indian Institute of Science. (Bangalore)
- J. Indian Math. Soc.* The Journal of the Indian Mathematical Society. (Madras)
- J. Indian Soc. Agric. Statist.* Journal of the Indian Society of Agricultural Statistics. (New Delhi)
- J. Inst. Actuar.* Journal of the Institute of Actuaries. (London)
- J. Inst. Actuar. Students' Soc.* Journal of the Institute of Actuaries Students' Society. (Cambridge, England)
- J. Inst. Elec. Engrs.* Journal of the Institution of Electrical Engineers. (London)
- J. Inst. Polytech. Osaka City Univ. Ser. A.* Journal of the Institute of Polytechnics. Osaka City University. Series A. Mathematics.

- J. Japan Soc. Aero. Engrg.* Journal of the Japan Society of Aeronautical Engineering. (Tokyo)
- J. Karnatak Univ.* Journal of the Karnatak University. (Dharwar)
- J. London Math. Soc.* The Journal of the London Mathematical Society.
- J. Madras Univ. Sect. B.* Journal of the Madras University. Section B.
- J. Maharaja Sayajirao Univ. Baroda.* Journal of the Maharaja Sayajirao University of Baroda.
- J. Marine Res.* Journal of Marine Research. (New Haven, Conn.)
- J. Math. Mech.* Journal of Mathematics and Mechanics. (Bloomington, Ind.)
- J. Math. Phys.* Journal of Mathematics and Physics. (Cambridge, Mass.)
- J. Math. Pures Appl.* Journal de Mathématiques Pures et Appliquées. (Paris)
- J. Math. Soc. Japan.* Journal of the Mathematical Society of Japan. (Tokyo)
- J. Mech. Phys. Solids.* Journal of the Mechanics and Physics of Solids. (London)
- J. Meteorol.* The Journal of Meteorology. (Boston, Mass.)
- J. Nat. Inst. Personnel Res.* Journal of the National Institute for Personnel Research. (Johannesburg)
- J. Nuclear Energy.* Journal of Nuclear Energy. (New York)
- J. Operations Res. Soc. Japan.* Journal of the Operations Research Society of Japan. (Tokyo)
- J. Opt. Soc. Amer.* Journal of the Optical Society of America. (New York)
- J. Phys. Chem.* The Journal of Physical Chemistry. (Easton, Pa.)
- J. Phys. Radium.* Le Journal de Physique et le Radium. (Paris)
- J. Phys. Soc. Japan.* Journal of the Physical Society of Japan. (Tokyo)
- J. Proc. Roy. Soc. New South Wales.* Journal and Proceedings of the Royal Society of New South Wales. (Sydney)
- J. Rech. Centre Nat. Rech. Sci.* Journal des Recherches du Centre National de la Recherche Scientifique. (Paris)
- J. Reine Angew. Math.* Journal für die Reine und Angewandte Mathematik. (Berlin)
- J. Res. Nat. Bur. Standards.* Journal of Research of the National Bureau of Standards. (Washington, D. C.)
- J. Roy. Aero. Soc.* The Journal of the Royal Aeronautical Society. (London)
- J. Roy. Astr. Soc. Canada.* The Journal of the Royal Astronomical Society of Canada. (Toronto)
- J. Roy. Statist. Soc. Ser. A.* Journal of the Royal Statistical Society. Series A. (General). (London)
- J. Roy. Statist. Soc. Ser. B.* Journal of the Royal Statistical Society. Series B. (Methodological). (London)
- J. Sci. Hiroshima Univ. Ser. A.* Journal of Science of the Hiroshima University. Series A (Mathematics, Physics, Chemistry).
- J. Sci. Instrum.* Journal of Scientific Instruments. (London)
- J. Sci. Meteorol.* Journal Scientifique de la Météorologie. (Paris)
- J. Sci. Res. Banaras Hindu Univ.* The Journal of Scientific Research of the Banaras Hindu University.
- J. Soc. Indust. Appl. Math.* Journal of the Society for Industrial and Applied Mathematics. (Philadelphia, Pa.)
- J. Spatial Math. Sasayama Res. Room.* Journal of Spatial Mathematics of the Sasayama Research Room. (Nagoya)
- J. Symb. Logic.* The Journal of Symbolic Logic. (New Brunswick, N. J.)
- J. Tech. Bengal Engrg. Coll.* Journal of Technology. Bengal Engineering College. (Calcutta)
- J. Univ. Bombay.* Journal of the University of Bombay.
- J. Washington Acad. Sci.* Journal of the Washington Academy of Sciences. (Washington, D.C.)
- J. Zosen Kiokai.* Journal of Zosen Kiokai. (Tokyo)
- Janus.* Janus. Revue internationale de l'histoire des sciences, de la médecine, de la pharmacie et de la technique. (Leiden)
- Jap. J. Math.* Science Council of Japan. Japanese Journal of Mathematics. (Tokyo)
- Jap. Sci. Rev. Mech. and Electr. Eng.* Japan Science Review. Mechanical and Electrical Engineering. (Tokyo)
- Jber. Deutsch. Math. Verein.* Jahresbericht der Deutschen Mathematiker Vereinigung. (Stuttgart)
- Jbuch. Bayer. Akad. Wiss. München.* Jahrbuch der Bayerischen Akademie der Wissenschaften. (Munich)
- Jugoslav. Akad. Znan. Umjet. Rasprave Odj. Mat. Fiz. Tehn. Nauke.* Jugoslavenska Akademija Znanosti i Umjetnosti. Rasprave Odjela za Matematičke, Fizičke i Tehničke Nauke. (Zagreb)
- Kabardin. Gos. Ped. Inst. Uč. Zap.* Kabardinskii Gosudarstvennyi Pedagogičeskii Institut. Učenyje Zapiski. (Nal'čik)
- Kagaku.* (Tokyo)
- Kazansk. Gos. Ped. Inst. Uč. Zap.* Učenyje Zapiski Kazanskogo Gosudarstvennogo Pedagogičeskogo Instituta. (Kazan)
- Kiiv. Derž. Ped. Inst. Nauk. Zap. Fiz.-Mat. Ser.* Kiiv's'kii Deržavnyi Pedagogičnii Institut im. O. M. Gor'kogo. Naukovi Zapiski. Fiziko-Matematična Seriya. (Kiev)
- Kiiv. Derž. Univ. Mat. Sb.* Kiiv's'kii Deržavnyi Universitet im. T. G. Ševčenka. Matematičeskii Sbornik. (Kiev)
- Kirov. Gos. Ped. Inst. Uč. Zap.* Kirovskii Gosudarstvennyi Pedagogičeskii Institut im. V.I. Lenina. Učenyje Zapiski. (Kirov)
- Kišinev. Gos. Ped. Inst. Uč. Zap.* Kišinevskii Gosudarstvennyi Pedagogičeskii Institut. Učenyje Zapiski. (Kishinev)
- Kišinev. Gos. Univ. Uč. Zap.* Kišinevskii Gosudarstvennyi Universitet. Učenyje Zapiski. (Kishinev)
- Kōdai Math. Sem. Rep.* Kōdai Mathematical Seminar Reports. (Tokyo)
- Köz. Mat. Lapok.* Középiskolai Matematikai Lapok. (Budapest)
- Kuibyšev. Aviacion. Inst. Trudy.* Ministerstvo Vysshego Obrazovaniya SSSR. Kuibyševskii Aviacionnyi Institut. Trudy. (Kuibyshev)
- Kumamoto J. Sci. Ser. A.* Kumamoto Journal of Science. Series A. (Mathematics, Physics and Chemistry)
- Kungl. Fysiogr. Sällsh. i Lund Förh.* Kungl. Fysiografiska Sällskapet i Lund Förhandlingar. Proceedings of the Royal Physiographic Society at Lund.
- Kungl. Svenska Vetenskapsakad. Handl.* Kungl. Svenska Vetenskapsakademiens Handlingar. (Stockholm)
- Kungl. Tehn. Högsh. Handl. Stockholm.* Kungl. Tekniska Högskolans Handlingar. Transactions of the Royal Institute of Technology, Stockholm, Sweden.
- Kyungpook Math. J.* Kyungpook Mathematical Journal. (Taegu)
- La Météorol.* La Météorologie. (Paris)
- Lahore Philos. J.* Lahore, Philosophical Society Journal.
- Las Ciencias. Madrid.* Las Ciencias. (Madrid)
- Latvijas PSR Zinātņu Akad. Vēstis.* Latvijas PSR Zinātņu Akademijas Vēstis. Izvestiya Akademii Nauk Latvii SSR. (Riga)
- Latvijas Valsts Univ. Zinātņu Raksti.* PSRS Augstākās Izglītības Ministrija. Pēteris Stučka Latvijas Valsts Universitāte. Zinātniskie Raksti. Ministerstvo Vysshego Obrazovaniya. Latviiskii Gosudarstvennyi Universitet imeni Petra Stučki. Učenyje Zapiski. (Riga. Formerly: PSRS Augstākās Izglītības Ministrija. Latvijas Valsts Universitāte. Zinātniskie Raksti.)
- Leningrad. Gos. Ped. Inst. Uč. Zap.* Leningradskii Gosudarstvennyi Pedagogičeskii Institut im. A. I. Gercena. Učenyje Zapiski. (Leningrad)
- Leningrad. Gos. Univ. Uč. Zap. Ser. Mat. Nauk.* Leningradskii Gosudarstvennyi Ordena Lenina Universitet im. A. A. Ždanova. Učenyje Zapiski. Seriya Matematicheskii Nauk. (Leningrad)
- Leningrad. Inst. Inžen. Vod. Transp. Trudy.* Trudy Leningradskogo Instituta Inženerov Vodnogo Transporta. (Leningrad)
- Leningrad. Inž.-Stroitel. Inst. Nauk. Trudy.* Naučnye Trudy Leningradskogo Inženerno-Stroitel'nogo Instituta. (Leningrad)
- Luc'hii Derž. Ped. Inst. Nauk. Zap. Fiz.-Mat. Ser.* Ministerstvo Osviti URSS. Luc'hii Deržavnyi Pedagogičnii Institut im. Lesi Ukrainki. Naukovi Zapiski. Fiziko-Matematična Seriya. (Kiev)
- Lucrările Inst. Petrol Gaze București.* Lucrările Institutului de Petrol și Gaze din București. (Bucharest)
- Lunds Univ. Årsskr. N. F. Avd. 2 = Kungl. Fysiogr. Sällsk. i Lund Handl. N.F.* Acta Universitatis Lundensis. Nova Series. Lunds Universitets Årsskrift. Ny Följd. Andra Avdelningen. = Acta Regiae Societatis Physiographicae Lundensis. Kungl. Fysiografiska Sällskapet i Lund Handlingar. Ny Följd.
- L'viv. Derž. Univ. Dopovidi ta Povidomlennya.* L'viv's'kii Deržavnyi Universitet imeni Ivana Franka. Dopovidi ta Povidomlennya. (Lvów)
- L'vov. Gos. Univ. Uč. Zap. Ser. Meh.-Mat.* L'vovskii Gosudarstvennyi Universitet imeni Ivana Franko. Učenyje Zapiski. Seriya Mehaniko-Matematičeskaya. L'viv's'kii Deržavnyi Universitet imeni Ivana Franka. Naukovi Zapiski. Seriya Mehaniko-Matematična. (Lvów. Title of series varies.)
- L'vov. Politehn. Inst. Nauk. Zap. Ser. Fiz.-Mat.* L'vovskii Politehničeskii Institut. Naučnye Zapiski. Seriya Fiziko-Matematičeskaya. (Lvów)
- Magyar Tud. Akad. Mat. Fiz. Oszt. Közl.* A Magyar Tudományos Akadémia Matematikai és Fizikai Tudományok Osztályának Közleményei. (Budapest. Formerly: A Magyar Tudó-

- mányos Akadémia Matematikai és Természettudományi Osztályának Közleményei.)
- Magyar Tud. Akad. Mat. Kutató Int. Közl.* A Magyar Tudományos Akadémia Matematikai Kutató Intézetének Közleményei. (Budapest)
- Maia.* Maia. Nuova Serie. (Rocca San Casciano)
- Management Sci.* Management Science. Journal of the Institute of Management Science. (Philadelphia, Pa. Formerly: Management Science.)
- Mat.-Fys. Medd. Danske Vid. Selsk.* Det Kgl. Danske Videnskabernes Selskab. Matematisk-Fysiske Meddelelser. (Copenhagen)
- Mat.-Fys. Shr. Danske Vid. Selsk.* Matematisk-fysiske Skrifter udgivet af Det Kongelige Danske Videnskabernes Selskab. (Copenhagen)
- Mat.-Fys. Časopis. Slovensk. Akad. Vied.* Matematicko-Fyzikálny Časopis. Slovenská Akadémia Vied. (Bratislava)
- Mat. Lapok.* Matematikai Lapok. Bolyai János Matematikai Társulat. (Budapest)
- Mat. Sb.* Matematicheskii Sbornik. Novaya Seriya. (Moscow. Formerly: Akademiya Nauk SSSR i Moskovskoe Matematicheskoe Obščestvo. Matematicheskii Sbornik.)
- Mat. v Škole.* Matematika v Škole. (Moscow)
- Matematiche. Catania.* Le Matematiche. (Catania)
- Math. Ann.* Mathematische Annalen. (Berlin-Göttingen-Heidelberg)
- Math. Centrum Amsterdam. Afd. Toegepaste Wisk.* Mathematisch Centrum Amsterdam. Afd. Toegepaste Wiskunde.
- Math. Centrum Amsterdam. Rap.* Mathematisch Centrum Amsterdam. Rapport.
- Math. Centrum Amsterdam. Rekenafdeling.* Mathematisch Centrum Amsterdam. Rekenafdeling.
- Math. Gas.* The Mathematical Gazette. (London)
- Math. J. Okayama Univ.* Mathematical Journal of Okayama University.
- Math. Japon.* Mathematica Japonicae. (Kobe)
- Math. Mag.* Mathematics Magazine. (Pacoima, Calif.)
- Math. Nachr.* Mathematische Nachrichten. (Berlin)
- Math. Naturwiss. Unterricht.* Der mathematische und naturwissenschaftliche Unterricht. (Bonn)
- Math. Notae.* Mathematicae Notae. Boletín del Instituto de Matemática. (Rosario)
- Math.-Phys. Semesterber.* Mathematisch-Physikalische Semesterberichte. (Göttingen)
- Math. Scand.* Mathematica Scandinavica. (Copenhagen)
- Math. Student.* The Mathematics Student. (Madras)
- Math. Tables Aids Comput.* Mathematical Tables and Other Aids to Computation. (Washington, D.C.)
- Math. Z.* Mathematische Zeitschrift. (Berlin-Göttingen-Heidelberg)
- Mathematika.* Mathematika. A Journal of Pure and Applied Mathematics. (London)
- Mathesis.* Mathesis. Recueil Mathématique à l'Usage des Écoles Spéciales et des Établissements d'Instruction Moyenne. (Mons)
- Matrix Tensor Quart.* The Tensor Club of Great Britain. The Matrix and Tensor Quarterly. (London)
- Medd. Lunds Astr. Obs.* See *Medd. Lunds Astr. Obs. Ser. I.*; and *Medd. Lunds Astr. Obs. Ser. II.*
- Medd. Lunds Astr. Obs. Ser. I.* Meddelande från Lunds Astronomiska Observatorium. Series I. (Formerly listed as: Meddelande från Lunds Astronomiska Observatorium.)
- Medd. Lunds Astr. Obs. Ser. II.* Meddelande från Lunds Astronomiska Observatorium. Series II. (Formerly listed as: Meddelande från Lunds Astronomiska Observatorium.)
- Medd. Lunds Univ. Mat. Sem.* Meddelanden från Lunds Universitets Matematiska Seminarium. Communications du Séminaire Mathématique de l'Université de Lund.
- Meded. Kon. Vlaamse Acad. Kl. Wetensch.* Mededelingen van de Koninklijke Vlaamse Academie voor Wetenschappen, Letteren en Schone Kunsten van België. Klasse der Wetenschappen. (Brussels)
- Meded. Landbouwhogeschool Wageningen.* Mededelingen van de Landbouwhogeschool te Wageningen/Netherlands.
- Mem. Acad. Ci. Madrid.* Memorias de la Real Academia de Ciencias Exactas, Físicas y Naturales de Madrid. Serie de Ciencias Exactas.
- Mem. Accad. Sci. Torino. Cl. Sci. Fis. Mat. Nat.* Memorie della Reale Accademia delle Scienze di Torino. Classe di Scienze Fisiche, Matematiche e Naturali. (Title varies.)
- Mem. Amer. Math. Soc.* Memoirs of the American Mathematical Society. (Providence, R. I.)
- Mem. Coll. Sci. Univ. Kyoto. Ser. A.* Memoirs of the College of Science. University of Kyoto. Series A. Mathematics.
- Mem. Coll. Sci. Univ. Kyoto. Ser. A. Math.* Memoirs of the College of Science. University of Kyoto. Series A. Mathematics.
- Mem. Fac. Engrg. Hiroshima Univ.* Memoirs of the Faculty of Engineering. Hiroshima University.
- Mem. Fac. Engrg. Kyoto Univ.* Memoirs of the Faculty of Engineering. Kyoto University.
- Mem. Fac. Sci. Kyushu Univ. Ser. A.* Memoirs of the Faculty of Science. Kyushu University. Series A. Mathematics. (Fukuoka. Formerly: *Mem. Fac. Sci. Kyūsyū Univ. Ser. A.*)
- Mem. Mat. Inst. "Jorge Juan".* Consejo Superior de Investigaciones Científicas. Memorias de Matemática del Instituto "Jorge Juan". (Madrid)
- Mem. Osaka Univ. Lib. Arts Ed. B.* Memoirs of the Osaka University of the Liberal Arts and Education. (Title also in Japanese.)
- Mem. Proc. Manchester Lit. Philos. Soc.* Memoirs and Proceedings of the Manchester Literary & Philosophical Society.
- Mem. Publ. Soc. Sci. Arts Lett. Hainaut.* Mémoires et Publications de la Société des Sciences des Arts et des Lettres du Hainaut. (Mons)
- Mem. Real Acad. Ci. Art. Barcelona.* Memorias de la Real Academia de Ciencias y Artes de Barcelona.
- Mem. Roy. Astr. Soc.* Memoirs of the Royal Astronomical Society. (London)
- Mem. School Sci. Engrg. Waseda Univ. Tokyo.* Memoirs of the School of Science and Engineering, Waseda University, Tokyo.
- Mem. Soc. Astr. Ital.* Memorie della Società Astronomica Italiana. (Milan)
- Mém. Soc. Roy. Sci. Liège.* Mémoires de la Société Royale des Sciences de Liège.
- Mémor. Sci. Math.* Mémoires des Sciences Mathématiques. (Paris)
- Mémor. Sci. Phys.* Mémoires des Sciences Physiques. (Paris)
- Methodos.* (Milan)
- Metrika.* (Würzburg. Formerly: *Mitteilungsbl. Math. Statist.*; and *Statist. Viertelsschr.*)
- Metroecon.* Metroeconomica. Rivista Internazionale di Economica. (Bologna)
- Metron.* (Rome)
- Michigan Math. J.* The Michigan Mathematical Journal. (Ann Arbor, Mich.)
- Mind.* Mind. A Quarterly Review of Psychology and Philosophy. (London)
- Minsk. Gos. Ped. Inst. A. M. Gor'k. Uč. Zap.* Minskii Gosudarstvennyi Pedagogicheskii Institut im. A. M. Gor'kogo. Učenyje Zapiski. Seriya Fiziko-Matematicheskaya. (Minsk)
- Mitt. Inst. Angew. Math. Zürich.* Mitteilungen aus dem Institut für angewandte Mathematik an der Eidgenössischen Technischen Hochschule in Zürich.
- Mitt. Math. Sem. Univ. Giessen.* Mitteilungen des Mathematischen Seminars der Universität Giessen. (Title varies.)
- Mitt. Max-Planck-Inst. Strömungsf.* Mitteilungen aus dem Max-Planck-Institut für Strömungsforschung. (Göttingen)
- Mitt. Naturf. Ges. Bern.* Mitteilungen der Naturforschenden Gesellschaft Bern.
- Mitt. Verein. Schweiz. Versich.-Math.* Mitteilungen der Vereinigung Schweizerischer Versicherungsmathematiker. Bulletin de l'Association des Actuaires Suisses. (Bern)
- Mitteilungsbl. Math. Statist.* Mitteilungsblatt für mathematische Statistik. (Munich. See *Metrika*.)
- Molecular Phys.* Molecular Physics. (London)
- Monatsh. Math.* Monatshefte für Mathematik. (Vienna)
- Monthly Not. Roy. Astr. Soc.* Monthly Notices of the Royal Astronomical Society. (London)
- Monthly Not. Roy. Astr. Soc. Geophys. Suppl.* Monthly Notices of the Royal Astronomical Society. Geophysical Supplement. (London. See *Geophys. J.*)
- Moskov. Gos. Univ. Soobšč. Astr. Inst.* Moskovskii Ordena Lenina Gosudarstvennyi Universitet imeni M. V. Lomonosova. Soobščeniya Gosudarstvennogo Astronomicheskogo Instituta imeni P. K. Sternberga. (Moscow)
- Moskov. Gos. Univ. Trudy. Gos. Astron. Inst. im. Sternberg.* Moskovskii Gosudarstvennyi Universitet imeni M. V. Lomonosova. Trudy Gosudarstvennogo Astronomicheskogo Instituta imeni P. K. Sternberga. (Moscow. Formerly: *Trudy Gos. Astr. Inst. Sternberg*.)
- Moskov. Gos. Univ. Uč. Zap. Mat.* Moskovskii Ordena Lenina Gosudarstvennyi Universitet imeni M. V. Lomonosova. Učenyje Zapiski. Matematika. (Moscow)
- Moskov. Gos. Univ. Uč. Zap. Meh.* Moskovskii Ordena Lenina Gosudarstvennyi Universitet imeni M. V. Lomonosova. Učenyje Zapiski. Mehanika. (Moscow)

- Moskov. Gos. Univ. Uč. Zap. (Misc.).* Moskovskii Ordena Lenina Gosudarstvennyi Universitet imeni M. V. Lomonosova. Učenyje Zapiski. (Miscellaneous.) (Moscow)
- Moskov. Oblast. Pedagog. Inst. Uč. Zap. Trudy Kafedry Mat.* Moskovskii Oblastnoi Pedagogičeskii Institut. Učenyje Zapiski. Trudy Kafedry Matematiki. (Moscow)
- Muroran Inst. Tech. Mem.* Memoirs of the Muroran Institute of Technology.
- Nachr. Akad. Wiss. Göttingen. Math.-Phys. Kl. IIa.* Nachrichten der Akademie der Wissenschaften in Göttingen. Mathematisch-Physikalische Klasse. IIa. Mathematisch-Physikalisch-Chemische Abteilung.
- Nachr. Akad. Wiss. Göttingen. Math.-Phys. Kl. IIb.* Nachrichten der Akademie der Wissenschaften in Göttingen. Mathematisch-Physikalische Klasse. IIb. Biologisch-Physiologisch-Chemische Abteilung.
- Nagoya Math. J.* Nagoya Mathematical Journal.
- Nat. Bur. Standards. Appl. Math. Ser.* National Bureau of Standards. Applied Mathematics Series. (Washington, D.C.)
- Nat. Luchtvaartlab. Amsterdam. Rep.* Nationaal Luchtvaartlaboratorium. National Aeronautical Research Institute, Amsterdam. Report. (Title varies.)
- Nat. Sci. Rep. Lib. Arts Fac. Shizuoka Univ.* Natural Science Reports of the Liberal Arts Faculty. Shizuoka University.
- Nat. Sci. Rep. Ochanomizu Univ.* Natural Science Report of the Ochanomizu University. (Tokyo)
- Nature.* (London)
- Naturwiss. Rundschau.* Naturwissenschaftliche Rundschau. (Stuttgart)
- Naturwissenschaften.* Die Naturwissenschaften. (Berlin-Göttingen-Heidelberg)
- Naval Res. Logist. Quart.* Naval Research Logistics Quarterly. (Washington, D.C.)
- Navigation.* Navigation. Journal of the Institute of Navigation. (Los Angeles)
- Nederl. Akad. Wetensch. Indag. Math.* Koninklijke Nederlandse Akademie van Wetenschappen. Indagationes Mathematicae ex Actis Quibus Titulus. Proceedings of the Section of Sciences. (Amsterdam. Same as *Nederl. Akad. Wetensch. Proc. Ser. A.*)
- Nederl. Akad. Wetensch. Proc. Ser. A.* Koninklijke Nederlandse Akademie van Wetenschappen. Proceedings. Series A. Mathematical Sciences. (Amsterdam. Same as *Nederl. Akad. Wetensch. Indag. Math.*)
- Nederl. Akad. Wetensch. Proc. Ser. B.* Koninklijke Nederlandse Akademie van Wetenschappen. Proceedings. Series B. Physical Sciences. (Amsterdam)
- Nederl. Akad. Wetensch. Proc. Ser. C.* Koninklijke Nederlandse Akademie van Wetenschappen. Proceedings. Series C. Biological and Medical Sciences. (Amsterdam)
- Nederl. Akad. Wetensch. Verslagen Afd. Natuurh.* Koninklijke Nederlandse Akademie van Wetenschappen. Verslagen van de Gewone Vergaderingen der Afdeling Natuurkunde. (Amsterdam. Title varies.)
- Nederl. Tijdschr. Natuurh.* Nederlands Tijdschrift voor Natuurkunde. (Utrecht)
- New Zealand J. Sci. Tech. Sect. B.* New Zealand Journal of Science and Technology. B. General Research Section. (Wellington)
- Nieuw Arch. Wisk.* Nieuw Archief voor Wiskunde. (Groningen)
- Nieuw Tijdschr. Wisk.* Nieuw Tijdschrift voor Wiskunde. (Groningen-Djakarta)
- Nordisk Mat. Tidsskr.* Nordisk Matematisk Tidsskrift. (Oslo)
- Norske Vid. Selsk. Forh. Trondheim.* Det Kongelige Norske Videnskabers Selskabs Forhandling. (Trondheim)
- Norske Vid. Selsk. Shr. Trondheim.* Det Kongelige Norske Videnskabers Selskabs Skrifter. (Trondheim)
- Notas Mat.* Notas de Matemática. (Rio de Janeiro)
- Nova Acta Soc. Sci. Upsal.* Nova Acta Regiae Societatis Scientiarum Upsaliensis. (Uppsala)
- Nuclear Phys.* Nuclear Physics. (Amsterdam)
- Nuclear Sci. Abstracts.* Nuclear Science Abstracts. (Oak Ridge, Tenn.)
- Numer. Math.* Numerische Mathematik. (Berlin-Göttingen-Heidelberg)
- Nuovo Cimento.* Il Nuovo Cimento. (Bologna)
- O.N.E.R.A. Publ.* Office National d'Études et de Recherches Aéronautiques. Publication. (Paris)
- Observatory.* The Observatory. A Review of Astronomy. (Hailsham)
- Occas. Notes. Roy. Astr. Soc.* Occasional Notes. Royal Astronomical Society. (London)
- Oceanogr. Mag.* The Oceanographical Magazine. (Tokyo)
- Operations Res.* Operations Research. The Journal of the Operations Research Society of America. (Baltimore, Md.)
- Opt. Acta.* Optica Acta. (Paris)
- Optik.* Optik. Zeitschrift für das gesamte Gebiet der Licht und Elektronenoptik. (Stuttgart)
- Ordnance Comput. Res. Rep.* Ordnance Computer Research Report. (Aberdeen Proving Ground)
- Oreh.-Zuev. Ped. Inst. Uč. Zap.* Oreho-Zuevskii Pedagogičeskii Institut. Učenyje Zapiski. Fakultety Fiziko-Matematičeskii i Estestvoznaniya. Izdanie Oreho-Zuevskogo Pedinstitutu. (Moscow)
- Osaka Math. J.* Osaka Mathematical Journal.
- Osiris.* Osiris. Commentationes de Scientiarum et Eruditionis Historia Rationeque. (Bruges)
- Österreich. Akad. Wiss. Math.-Nat. Kl. S.-B. II.* Österreichische Akademie der Wissenschaften. Mathematisch-Naturwissenschaftliche Klasse. Sitzungsberichte. Abteilung II. Mathematik, Astronomie, Physik, Meteorologie und Technik. (Vienna)
- Österreich. Z. Vermessungswes.* Österreichische Zeitschrift für Vermessungswesen. (Vienna)
- Pacific J. Math.* Pacific Journal of Mathematics. (Berkeley, Calif.)
- Pakistan J. Sci.* Pakistan Journal of Science. (Lahore)
- Pakistan J. Sci. Res.* Pakistan Journal of Scientific Research. (Lahore)
- Penzan. Gos. Ped. Inst. V. G. Belin. Uč. Zap.* Penzenskii Gosudarstvennyi Pedagogičeskii Institut im. V. G. Belinskogo. Učenyje Zapiski. Matematika-Himiya. (Penza)
- Period. Mat.* Periodico di Matematiche. (Bologna)
- Period. Polytech. Chem. Engrg.* Periodica Polytechnica. Chemical Engineering (Chemisches Ingenieurwesen). (Budapest)
- Period. Polytech. Elec. Engrg.* Periodica Polytechnica. Electrical Engineering (Elektrotechnik). (Budapest)
- Period. Polytech. Engrg.* Periodica Polytechnica. Engineering (Maschinen- und Bauwesen). (Budapest)
- Phil. Mag.* The Philosophical Magazine. A Journal of Theoretical, Experimental and Applied Science. (London)
- Philips Res. Rep.* Philips Research Reports. (Eindhoven)
- Philips Tech. Rev.* Philips Technical Review. (Eindhoven)
- Philos. Sci.* Philosophy of Science. (Baltimore, Md.)
- Philos. Trans. Roy. Soc. London. Ser. A.* Philosophical Transactions of the Royal Society of London. Series A. Mathematical and Physical Sciences.
- Photogrammetric Engrg.* Photogrammetric Engineering. (Washington, D.C.)
- Phys. and Chem. Solids.* The Physics and Chemistry of Solids. (London)
- Phys. Fluids.* The Physics of Fluids. (New York)
- Phys. Rev.* The Physical Review. (New York)
- Phys. Rev. Lett.* Physical Review Letters. (New York)
- Physica.* (Amsterdam)
- Pi Mu Epsilon J.* Pi Mu Epsilon Journal. (Syracuse, N. Y.)
- Platon. Illátoz.* (Athens)
- PMLA.* Publications of the Modern Language Association of America. (New York)
- Pokroky Mat. Fys. Astr.* Pokroky Matematiky Fysiky a Astronomie. (Prague)
- Polska Biblio. Analit. Fiz.* Polska Akademia Nauk. Ośrodek Bibliografii i Dokumentacji Naukowej. Polska Bibliografia Analityczna. Fizyka. (Warsaw)
- Polska Biblio. Analit. Mech.* Polska Akademia Nauk. Instytut Podstawowych Problemów Techniki. Polska Bibliografia Analityczna. Mechanika. Polish Scientific Abstracts. Mechanics. (Warsaw)
- Portugal. Math.* Portugaliae Mathematica. (Lisbon)
- Portugal. Phys.* Portugaliae Physica. (Lisbon)
- Práce Brn. Českoslov. Akad. Věd.* Práce Brněnské Základny Československé Akademie Věd. Acta Academiae Scientiarum Českoslovenicae Basis Brunensis. (Brno)
- Prace Mat.* Roczniki Polskiego Towarzystwa Matematycznego. Seria I. Prace Matematyczne. (Warsaw)
- Prakt. Akad. Athénon.* Πρακτικά της Ακαδημίας. (Athens)
- Pril. Mat. Meh.* Akademiya Nauk SSSR. Otdelenie Tehnicheskikh Nauk. Institut Mehaniki. Prikladnaya Matematika i Mehanika. (Moscow)
- Proc. Amer. Acad. Arts Sci.* Proceedings of the American Academy of Arts and Sciences. (Boston, Mass.)
- Proc. Amer. Math. Soc.* Proceedings of the American Mathematical Society. (Providence, R. I.)
- Proc. Amer. Philos. Soc.* Proceedings of the American Philosophical Society Held at Philadelphia for Promoting Useful Knowledge.

- Proc. Cambridge Philos. Soc.* Proceedings of the Cambridge Philosophical Society. (Cambridge, England)
- Proc. Edinburgh Math. Soc.* Proceedings of the Edinburgh Mathematical Society.
- Proc. Egyptian Acad. Sci.* Proceedings of the Egyptian Academy of Sciences. (Cairo)
- Proc. Fac. Engrg. Keio Univ.* Proceedings of the Fujihara Memorial Faculty of Engineering. Keio University. (Tokyo)
- Proc. Glasgow Math. Assoc.* Proceedings of the Glasgow Mathematical Association.
- Proc. I. R. E.* Proceedings of the I.R.E. A Journal of Communications and Electronic Engineering. (New York. Title varies.)
- Proc. Indian Acad. Sci. Sect. A.* Proceedings of the Indian Academy of Sciences. Section A. (Bangalore)
- Proc. Indian Acad. Sci. Sect. B.* Proceedings of the Indian Academy of Sciences. Section B. (Bangalore)
- Proc. Indiana Acad. Sci.* Proceedings of the Indiana Academy of Science. (Indianapolis, Ind.)
- Proc. Inst. Elec. Engrs. A.* The Proceedings of the Institution of Electrical Engineers. Part A. Power Engineering. (London)
- Proc. Inst. Elec. Engrs. B.* The Proceedings of the Institution of Electrical Engineers. Part B. Radio and Electronic Engineering (including Communication Engineering.) (London)
- Proc. Inst. Elec. Engrs. C.* The Proceedings of the Institution of Electrical Engineers. Part C. Monographs. (London)
- Proc. Inst. Mech. Engrs.* Proceedings of the Institution of Mechanical Engineers. (London)
- Proc. Iowa Acad. Sci.* Proceedings of the Iowa Academy of Science. (Des Moines, Iowa)
- Proc. Iraqi Sci. Soc.* Proceedings of the Iraqi Scientific Societies. (Baghdad)
- Proc. Japan Acad.* Proceedings of the Japan Academy. (Tokyo)
- Proc. London Math. Soc.* Proceedings of the London Mathematical Society.
- Proc. Math. Phys. Soc. Egypt.* Proceedings of the Mathematical and Physical Society of Egypt. (Cairo)
- Proc. Nat. Acad. Sci. U.S.A.* Proceedings of the National Academy of Sciences of the United States of America. (Washington, D. C.)
- Proc. Nat. Inst. Sci. India. Part A.* Proceedings of the National Institute of Sciences of India. Part A. Physical Sciences. (New Delhi)
- Proc. Nat. Inst. Sci. India. Part B.* Proceedings of the National Institute of Sciences of India. Part B. Biological Sciences. (New Delhi)
- Proc. Pakistan Statist. Assoc.* Proceedings of the Pakistan Statistical Association. (Lahore)
- Proc. Phys. Soc.* Proceedings of the Physical Society. (London. Formerly: *Proc. Phys. Soc. Sect. A* and *Sect. B*.)
- Proc. Phys. Soc. Sect. A.* The Proceedings of the Physical Society. Section A. (London. See *Proc. Phys. Soc.*)
- Proc. Phys. Soc. Sect. B.* The Proceedings of the Physical Society. Section B. (London. See *Proc. Phys. Soc.*)
- Proc. Roy. Inst. Great Britain.* Proceedings of the Royal Institution of Great Britain. (London)
- Proc. Roy. Irish Acad. Sect. A.* Proceedings of the Royal Irish Academy. Section A. (Dublin)
- Proc. Roy. Soc. Edinburgh. Sect. A.* Proceedings of the Royal Society of Edinburgh. Section A. (Mathematical and Physical Sciences.)
- Proc. Roy. Soc. London. Ser. A.* Proceedings of the Royal Society of London. Series A. Mathematical and Physical Sciences.
- Proc. Univ. Durham Philos. Soc.* Proceedings of the University of Durham Philosophical Society. (Newcastle-upon-Tyne)
- Progr. Theoret. Phys.* Progress of Theoretical Physics. (Kyoto)
- Progress in Math.* See *Shuxue Jinzhan*.
- Psychometrika.* Psychometrika. A Journal Devoted to the Development of Psychology as a Quantitative Rational Science. (Chapel Hill, N. C.)
- Pubbl. Ist. Naz. Ottica Firenze. Ser. II.* Pubblicazioni dell'Istituto Nazionale di Ottica-Firenze. Serie II. (Florence)
- Publ. Astr. Soc. Pacific.* Publications of the Astronomical Society of the Pacific. (San Francisco, Calif.)
- Publ. Fac. Sci. Univ. Masaryk.* Spisy Vydávané Přírodovědeckou Fakultou Masarykovy University. Trudy Estestvenno-Istoričeskogo Fakulteta Universiteta im. T. G. Masarika. Publications de la Faculté des Sciences de l'Université Masaryk. (Brno)
- Publ. Inst. Math. Univ. Strasbourg.* Publications de l'Institut de Mathématiques de l'Université de Strasbourg.
- Publ. Inst. Statist. Univ. Paris.* Publications de l'Institut de Statistique de l'Université de Paris.
- Publ. Math. Debrecen.* Publicationes Mathematicae. (Debrecen)
- Publ. Sci. Tech. Ministère de l'Air. Paris.* Publications Scientifiques et Techniques du Ministère de l'Air. (Paris)
- Publ. Sci. Tech. Ministère de l'Air. Paris. Bull. Serv. Tech.* Publications Scientifiques et Techniques du Ministère de l'Air. Bulletins des Services Techniques. (Paris)
- Publ. Sci. Tech. Ministère de l'Air. Paris. Notes Tech.* Publications Scientifiques et Techniques du Ministère de l'Air. Notes Techniques. (Paris)
- Publ. Sci. Univ. Alger. Sér. A.* Publications Scientifiques de l'Université d'Alger. Série A. Sciences Mathématiques. (Algiers)
- Publ. Sém. Géom. Univ. Neuchâtel.* Publications du Séminaire de Géométrie de l'Université de Neuchâtel.
- Quart. Appl. Math.* Quarterly of Applied Mathematics. (Providencia, R. I.)
- Quart. J. Math. Oxford Ser. (2).* The Quarterly Journal of Mathematics, Oxford Second Series.
- Quart. J. Mech. Appl. Math.* The Quarterly Journal of Mechanics and Applied Mathematics. (Oxford)
- Rad Jugoslav. Akad. Znan. Umjet. Odjel Mat. Fiz. Tehn. Nauke.* Rad Jugoslavenske Akademije Znanosti i Umjetnosti. Odjel za Matematičke, Fizičke i Tehničke Nauke. (Zagreb)
- RCA Rev.* RCA Review. (New York)
- Rech. Aéro.* La Recherche Aéronautique. (Paris)
- Rend. Accad. Naz. dei XL.* Rendiconti, Accademia Nazionale dei XL. (Rome)
- Rend. Accad. Sci. Fis. Mat. Napoli.* Società Nazionale di Napoli. Rendiconto dell'Accademia delle Scienze Fisiche e Matematiche.
- Rend. Circ. Mat. Palermo.* Rendiconti del Circolo Matematico di Palermo.
- Rend. Mat. e Appl.* Università di Roma. Istituto Nazionale di Alta Matematica. Rendiconti di Matematica e delle sue Applicazioni.
- Rend. Sem. Fac. Sci. Univ. Cagliari.* Rendiconti del Seminario della Facoltà di Scienze della Università di Cagliari.
- Rend. Sem. Mat. Fis. Milano.* Rendiconti del Seminario Matematico e Fisico di Milano.
- Rend. Sem. Mat. Univ. Padova.* Rendiconti del Seminario Matematico dell'Università di Padova.
- Rep. Inst. Sci. Tech. Univ. Tokyo.* The Reports of the Institute of Science and Technology, University of Tokyo.
- Rep. Res. Inst. Appl. Mech. Kyushu Univ.* Reports of Research Institute for Applied Mechanics. Kyushu University. (Fukuoka)
- Rep. Statist. Appl. Res. Un. Jap. Sci. Engrs.* Reports of Statistical Application Research. Union of Japanese Scientists and Engineers. (Tokyo)
- Rep. Univ. Electro-Commun.* Reports of the University of Electro-Communications. (Tokyo. Title also in Japanese.)
- Repub. Argentina. Publ. Com. Nac. Energia Atomica. Misc.* Republica Argentina. Publicaciones de la Comisión Nacional de la Energía Atómica. Miscelanea. (Buenos Aires)
- Repub. Argentina. Publ. Com. Nac. Energia Atomica. Ser. Fis.* Republica Argentina. Publicaciones de la Comisión Nacional de la Energía Atómica. Serie Física. (Buenos Aires)
- Repub. Argentina. Publ. Com. Nac. Energia Atomica. Ser. Geol.* Republica Argentina. Publicaciones de la Comisión Nacional de Energía Atómica. Serie Geología. (Buenos Aires)
- Repub. Argentina. Publ. Com. Nac. Energia Atomica. Ser. Mat.* Republica Argentina. Publicaciones de la Comisión Nacional de la Energía Atómica. Serie Matemática. (Buenos Aires)
- Repub. Argentina. Publ. Serie Nac. Energia Atomica. Ser. Quim.* Republica Argentina. Publicaciones de la Comisión Nacional de la Energía Atómica. Serie Química. (Buenos Aires)
- Res. Bull. Panjab Univ.* Research Bulletin of the Panjab University. (Hoshiarpur)
- Research.* Research. A Journal of Science and its Applications. (London)
- Rev. Acad. Ci. Madrid.* Revista de la Real Academia de Ciencias Exactas, Físicas y Naturales de Madrid.
- Rev. Acad. Ci. Zaragoza.* Revista de la Academia de Ciencias Exactas, Físico-Químicas y Naturales de Zaragoza.
- Rev. Acad. Colombiana Ci. Exact. Fis. Nat.* Revista de la Academia Colombiana de Ciencias Exactas, Físicas y Naturales. (Bogotá)
- Rev. Ci. Apl.* Revista de Ciencia Aplicada. (Madrid)
- Rev. Ci. Lima.* Revista de Ciencias. (Lima)
- Rev. Fac. Ci. Univ. Coimbra.* Revista da Faculdade de Ciências da Universidade de Coimbra.
- Rev. Fac. Sci. Univ. Istanbul. Sér. A.* Revue de la Faculté des Sciences de l'Université d'Istanbul. Série A: Mathématiques Pures et Appliquées. İstanbul Üniversitesi Fen Fakültesi Mecmuası. Série A: Sıfı ve Tatbiki Matematik.

- Rev. Fac. Sci. Univ. Istanbul. Sér. C.* Revue de la Faculté des Sciences de l'Université d'Istanbul. Série C: Astronomie-Physique-Chimie. Istanbul Üniversitesi Fen Fakültesi Mecmuası. Seri C: Astronomi-Fizik-Kimya.
- Rev. Gén. Elec.* Revue Générale de l'Electricité. (Paris)
- Rev. Gén. Sci. Pures Appl.* Revue Générale des Sciences Pures et Appliquées et Bulletin de l'Association Française pour l'Avancement des Sciences. (Paris. Formerly: Revue Générale des Sciences Pures et Appliquées et Bulletin de la Société Philomathique.)
- Rev. Hist. Sci. Appl.* Revue d'Histoire des Sciences et de Leurs Applications. (Paris)
- Rev. Inst. Internat. Statist.* Revue de l'Institut International de Statistique. Review of the International Statistical Institute. (The Hague)
- Rev. Mat. Cuyana.* Universidad Nacional de Cuyo. Departamento de Investigaciones Científicas. Revista Matemática Cuyana. (Mendoza)
- Rev. Mat. Elem.* Revista de Matemáticas Elementales. (Bogotá)
- Rev. Mat. Hisp.-Amer.* Revista Matemática Hispano-Americana. (Madrid)
- Rev. Math. Pures. Appl.* Académie de la République Populaire Roumaine. Revue de Mathématiques Pures et Appliquées. (Bucharest)
- Rev. Méc. Appl.* Académie de la République Populaire Roumaine. Revue de Mécanique Appliquée. (Bucharest)
- Rev. Mexicana Fis.* Revista Mexicana de Física. (Mexico, D. F.)
- Rev. Mod. Phys.* Reviews of Modern Physics. (New York)
- Rev. Opt.* Revue d'Optique Théorique et Instrumentale. (Paris)
- Rev. Polish Acad. Sci.* The Review of the Polish Academy of Sciences. (Warsaw)
- Rev. Questions Sci.* Revue des Questions Scientifiques. (Louvain)
- Rev. Sci. La Revue Scientifique.* Revue Hebdomadaire Illustrée. (Paris)
- Rev. Sci. Instrum.* The Review of Scientific Instruments. (New York)
- Rev. Soc. Cubana Ci. Fis. Mat.* Revista de la Sociedad Cubana de Ciencias Físicas y Matemáticas. (Havana)
- Rev. Un. Mat. Argentina.* Revista de la Unión Matemática Argentina. (Buenos Aires)
- Rev. Univ. Bruxelles.* Revue de l'Université de Bruxelles.
- Rev. Univ. "C. I. Parhon" Politehn. București. Ser. Ști. Nat.* See *An. Univ. "C. I. Parhon" București. Ser. Ști. Nat.*
- Rice Inst. Pamphlet.* The Rice Institute Pamphlet. (Houston, Tex.)
- Ricerca. Napoli.* La Ricerca. Rivista di Matematiche Pure ed Applicate. (Naples)
- Ricerca Sci.* La Ricerca Scientifica. (Rome. Title varies.)
- Ricerche Mat.* Ricerche di Matematica. (Naples)
- Riv. Mat. Univ. Parma.* Rivista di Matematica della Università di Parma.
- Riveon Lematematika.* Riveon Lematematika. A Quarterly Journal Intended to Promote Mathematical Research Among Students of Mathematics. (Jerusalem)
- Rostov.-Don. Inst. Inž. Železnodorožn. Transp.* Rostovskii-na-Donu Institut Inženerov Železnodorožnogo Transporta. (Rostov)
- Rostov. Gos. Ped. Inst. Uč. Zap.* Rostovskii-na-Donu Gosudarstvennyi Pedagogičeskii Institut. Učenyje Zapiski. (Rostov)
- Rozprawy Československé Akad. Věd.* Rozprawy Československé Akademie Věd. (Prague)
- Rozprawy Inż.* Polska Akademia Nauk. Instytut Podstawowych Problemów Techniki. Rozprawy Inżynierskie. (Warsaw)
- Rozprawy Mat.* Polska Akademia Nauk. Instytut Matematyczny. Rozprawy Matematyczne. (Warsaw. Formerly: Instytut Matematyczny Polskiej Akademii Nauk. Rozprawy Matematyczne.)
- RZ Astr. Geod.* Akademija Nauk SSSR. Institut Naučnoj Informacii. Referativnyi Žurnal. Astronomiya. Geodeziya. Referaty. (Moscow)
- RZ Mat.* Akademija Nauk SSSR. Institut Naučnoj Informacii. Referativnyi Žurnal. Matematika. Referaty. (Moscow)
- RZ Meh.* Akademija Nauk SSSR. Institut Naučnoj Informacii. Referativnyi Žurnal. Mekhanika. Referaty. (Moscow)
- Sankhyā.* Sankhyā. The Indian Journal of Statistics. (Calcutta)
- S.-B. Berlin. Math. Ges.* Sitzungsberichte der Berliner Mathematischen Gesellschaft. (Berlin)
- S.-B. Deutsch. Akad. Wiss. Berlin. Kl. Chem. Geol. Biol.* Sitzungsberichte der Deutschen Akademie der Wissenschaften zu Berlin. Klasse für Chemie, Geologie und Biologie.
- S.-B. Deutsch. Akad. Wiss. Berlin. Kl. Math. Phys. Tech.* Sitzungsberichte der Deutschen Akademie der Wissenschaften zu Berlin. Klasse für Mathematik, Physik und Technik. (Title varies.)
- S.-B. Finn. Akad. Wiss.* Sitzungsberichte der Finnischen Akademie der Wissenschaften. Proceeding of the Finnish Academy of Science and Letters. (Helsinki)
- S.-B. Heidelberger Akad. Wiss. Math. Nat. Kl.* Sitzungsberichte der Heidelberger Akademie der Wissenschaften. Mathematisch-Naturwissenschaftliche Klasse. (Heidelberg)
- S.-B. Phys.-Med. Soc. Erlangen.* Sitzungsberichte der physikalisch-medizinischen Sozietät zu Erlangen.
- Schr. Forschungsinst. Math.* Schriftenreihe des Forschungsinstituts für Mathematik bei der Deutschen Akademie der Wissenschaften zu Berlin.
- Schr. Math. Inst. Univ. Münster.* Schriftenreihe des Mathematischen Instituts der Universität Münster. (Münster. Title varies.)
- Schweiz. Arch. Angew. Wiss. Tech.* Schweizer Archiv für Angewandte Wissenschaft und Technik. (Solothurn)
- Schweiz. Z. Vermessg. Kulturtech. Photogr.* Schweizerische Zeitschrift für Vermessung, Kulturtechnik und Photogrammetrie. Revue technique Suisse des Mensurations, du Génie Rural et de Photogrammétrie. (Winterthur)
- Sci. Monthly.* The Scientific Monthly. (Washington, D. C.)
- Sci. Papers Coll. Gen. Ed. Univ. Tokyo.* Scientific Papers of the College of General Education. University of Tokyo.
- Sci. Proc. Roy. Dublin Soc.* The Scientific Proceedings of the Royal Dublin Society.
- Sci. Record.* Science Record. (Peking. Title also in Chinese.)
- Sci. Rep. Kanazawa Univ.* The Science Reports of the Kanazawa University. (Kanazawa)
- Sci. Rep. Res. Inst. Tohoku Univ. Ser. A.* The Science Reports of the Research Institutes. Tohoku University. Series A. (Physics, Chemistry and Metallurgy.) (Sendai)
- Sci. Rep. Saitama Univ. Ser. A.* The Science Reports of the Saitama University. Series A. Mathematics, Physics and Chemistry. (Urawa)
- Sci. Rep. Tohoku Univ. Ser. I.* The Science Reports of the Tohoku University. First Series. (Physics, Chemistry, Astronomy.) (Sendai)
- Sci. Rep. Tokyo Kyoiku Daigaku. Sect. A.* Science Reports of the Tokyo Kyoiku Daigaku. Section A.
- Sci. Rep. Yokohama Nat. Univ. Sect. I.* Science Reports of the Yokohama National University. Section I. Mathematics, Physics. (Yokohama)
- Sci. Sinica.* Scientia Sinica. (Peking. Title also in Chinese.)
- Scienza Revuo.* (Purmerend)
- Science.* (Washington, D. C.)
- Scientia.* Scientia. International Review of Scientific Synthesis. (Como. Title also in French, German, Italian, and Spanish.)
- Scripta Math.* Scripta Mathematica. A Quarterly Journal Devoted to the Philosophy, History, and Expository Treatment of Mathematics. (New York)
- Shuxue Jinchuan.* (Peking. Formerly: *Advancement in Math.* = *Progress in Math.*)
- SIAM Rev.* SIAM Review. A Publication of the Society for Industrial and Applied Mathematics. (Philadelphia, Pa.)
- Simon Stevin.* Simon Stevin. Wis- en Natuurkundig Tijdschrift. (Groningen-Djakarta)
- Shand. Aktuarietidskr.* Skandinavisk Aktuarietidskrift. (Uppsala)
- Shr. Norshe Vid. Akad. Oslo. I.* Skrifter, Utgitt av det Norske Videnskaps-Akademi i Oslo. I. Mat.-Naturv. Klasse.
- Slovenska Akad. Znan. Umet. Razred Mat. Fis. Tehn. Vede. Ser. A.* Razprave. Slovenska Akademija Znanosti in Umetnosti. Razred za Matematične, Fizikalne in Tehnične Vede. Serija A: Matematične, Fizikalne in Kemične Vede. Razprave. Academia Scientiarum et Artium Slovenica. Classis III: Mathematica, Physica, Technica. Series A: Mathematica, Physica. Chemica. Dissertationes. (Ljubljana)
- Soc. Actu. Trans.* Society of Actuaries. Transactions. (Chicago, Ill.)
- Soc. Parana. Mat. Anuário.* Sociedade Paranaense de Matemática. Anuário. (Curitiba)
- Soc. Sci. Fenn. Comment. Phys.-Math.* Societas Scientiarum Fennica. Commentationes Physico-Mathematicae. (Helsinki)
- Soobšč. Akad. Nauk Gruz. SSR.* Soobščeniya Akademii Nauk Gruzinskoi SSR. (Tbilisi. Title also in Georgian.)
- South African J. Sci.* South African Journal of Science. Suid-Afrikaanse Joernaal van Wetenskap. (Johannesburg)
- Soviet Physics. Acoust.* Soviet Physics Acoustics. (New York)
- Soviet Physics. Dokl.* Soviet Physics. Doklady. (New York)

- Soviet Physics. JETP.* Soviet Physics. JETP. (New York)
Soviet Physics. Tech. Phys. Soviet Physics. Technical Physics. (New York)
- Sowjetwiss. Naturwiss. Beiträge.* Sowjetwissenschaft. Naturwissenschaftliche Beiträge. (Berlin. Formerly: *Sowjetwissenschaft. Naturwiss. Beiträge.*)
- Sowjetwissenschaft. Naturwiss. Beiträge.* See *Sowjetwiss. Naturwiss. Beiträge.*
- SRI J.* SRI Journal. (Menlo Park, Calif.)
- Srpska Akad. Nauka. Zb. Rad.* Srpska Akademija Nauka. Zbornik Radova. (Belgrade)
- Stalinabad. Gos. Ob'ed. Ped. Učitel. Inst. Fiz.-Mat. Fak. Uč. Zap.* Ministerstvo Prosvěšeniya Tadžikskoi SSR. Stalinabadskii Gosudarstvennyi Ob'edinennyi Pedagogičeskii i Učitel'skii Institut im. T. G. Ševčenko. Fiziko-Matematičeskii Fakul'tet. Učenyje Zapiski. (Stalinabad)
- Stat. Inst. Univ. Gothenburg Publ.* Statistical Institute, University of Gothenburg Publications. (Göteborg. Title also in Swedish.)
- Statist. Quality Control.* Statistical Quality Control. (Tokyo. Title also in Japanese.)
- Statist. Vierteljschr.* Statistische Vierteljahresschrift. (Vienna. See *Metrika.*)
- Statistica. Bologna.* Statistica. (Bologna)
- Statistica Neerlandica.* (The Hague)
- Stockholms Obs. Ann.* Stockholms Observatoriums Annaler.
- Stroje na zpracování informací* (Prague)
- Studi Ital. Filologia Classica.* Studi Italiani di Filologia Classica. (Florence)
- Studia Logica.* Polska Akademia Nauk. Komitet Filozoficzny. Studia Logica. (Warsaw)
- Studia Math.* Polska Akademia Nauk. Studia Mathematica. (Warsaw)
- Studium Gen.* Studium Generale. Zeitschrift für die Einheit der Wissenschaften im Zusammenhang ihrer Begriffsbildungen und Forschungsmethoden. (Berlin, Göttingen, Heidelberg)
- Studia. Rev. Univ. Atlantico.* Stvdia. Revista de la Universidad del Atlantico. (Barranquilla)
- Sudhoffs Arch.* Sudhoffs Archiv für Geschichte der Medizin und der Naturwissenschaften. (Wiesbaden)
- Sāgaku.* (Tokyo. Title and contents in Japanese.)
- Sāgaku Kenkyū Roku.* (Tokyo. Title and contents in Japanese.)
- Sulzer Tech. Rev.* Sulzer Technical Review. (Winterthur)
- Summa Brasil. Math.* Summa Brasiliensis Mathematicae. (Rio de Janeiro)
- Svenska Aeroplan A. B. Tech. Note.* SAAB Aircraft Company. Svenska Aeroplan Aktiebolaget. Technical Notes. (Lindköping)
- Synthese.* Synthese. An International Journal Devoted to Present-Day Cultural and Scientific Life. (Bussum)
- Tartu Riikl. Ül. Toimetised.* Tartu Riikliku Ülikooli Toimetised. Učenyje Zapiski Tartuskogo Gosudarstvennogo Universiteta. Matematika-Loodusteaduskonna Tõid. Trudy Estestvenno-Matematičeskogo Fakul'teta. (Tallin. Formerly: *Uč. Zap. Tartu Gos. Univ.*)
- Tech. Lotn.* Technika Lotnicza. Dwumiesięcznik Sekcji Lotniczej Stowarzyszenia Naukowców — Techniczny Inżynierów i Techników Mechaników Polskich. (Warsaw)
- Tech. Rep. Engrg. Res. Inst. Kyoto Univ.* Technical Reports of the Engineering Research Institute Kyoto University. (Kyoto)
- Tech. Rep. Osaka Univ.* Technology Reports of the Osaka University. (Osaka)
- Tech. Transl.* Technical Translations. (Washington, D. C.)
- Teleleknih.* (Copenhagen)
- Tellus.* Tellus. A Quarterly Journal of Geophysics. (Stockholm)
- Tensor.* Tensor. New Series. (Sapporo)
- Teor. Veroyatnost. i Primenen.* Akademiya Nauk SSSR. Teoriya Veroyatnostei ee Primeneniya. (Moscow)
- Texas J. Sci.* The Texas Journal of Science. (San Marcos, Tex.)
- Thalès.* Thalès. Recueil Annuel des Travaux de l'Institut d'Histoire des Sciences et des Techniques de l'Université de Paris.
- Theoria. Lund.* Theoria. A Swedish Journal of Philosophy and Psychology. (Lund)
- Theoria. Madrid.* Theoria. Revista de Teoria, Historia y Fundamentos de la Ciencia. (Madrid)
- Tōhoku Math. J.* The Tōhoku Mathematical Journal. (Sendai)
- Tomsk. Gos. Univ. Uč. Zap.* Tomskii Gosudarstvennyi Universitet imeni V. V. Kuibysheva. Učenyje Zapiski. (Tomsk)
- Trabajos Estadíst.* Trabajos de Estadística. (Madrid)
- Trans. A.S.M.E.* Transactions of the ASME. (New York. Continued as *Trans. A.S.M.E. Ser. A.*; and *Trans. A.S.M.E. Ser. B.*)
- Trans. A.S.M.E. Ser. A.* Transactions of the ASME. Series A. Journal of Engineering for Power. (New York. Formerly: *Trans. A.S.M.E.*)
- Trans. A.S.M.E. Ser. B.* Transactions of the ASME. Series B. Journal of Engineering for Industry. (New York. Formerly: *Trans. A.S.M.E.*)
- Trans. Amer. Geophys. Union.* Transactions. American Geophysical Union. (Washington, D. C.)
- Trans. Amer. Inst. Elec. Engrs.* Transactions of the American Institute of Electrical Engineers. (New York)
- Trans. Amer. Math. Soc.* Transactions of the American Mathematical Society. (Providence, R.I.)
- Trans. Amer. Philos. Soc.* Transactions of the American Philosophical Society Held at Philadelphia for Promoting Useful Knowledge. (Philadelphia, Pa.)
- Trans. Faraday Soc.* Transactions of the Faraday Society. (London)
- Trans. I.R.E.* Transactions of the I.R.E. (Cambridge, Mass.)
- Trans. Nat. Inst. Sci. India.* Transactions of the National Institute of Sciences of India. (New Delhi)
- Trans. Roy. Soc. Canada. Sect. III.* Transactions of the Royal Society of Canada. Section III. Chemical, Mathematical and Physical Sciences. (Ottawa)
- Trans. Roy. Soc. Edinburgh.* Transactions of the Royal Society of Edinburgh.
- Trans. Roy. Soc. South Africa.* Transactions of the Royal Society of South Africa. (Cape Town)
- Trav. Soc. Sci. Lett. Wrocław. Ser. B.* Travaux de la Société des Sciences et des Lettres de Wrocław. Seria B. (Title also in Polish.)
- Trudy Azerbaidžan. Gos. Ped. Inst. Lenin.* Ministerstvo Prosvěšeniya Azerbaidžanskoi SSR. Trudy Azerbaidžanskogo Gosudarstvennogo Pedagogičeskogo Instituta im. V. I. Lenina. (Baku)
- Trudy Azerbaidžan. Indust. Inst. Azizehov.* Ministerstvo Vysshego Obrazovaniya SSSR. Trudy Azerbaidžanskogo Industrial'nogo Instituta im. M. Azizbekova. Posvyaschaetsya 40—i Godovščine Velikoi Oktjabr'skoi Socialističeskoi Revolyucii. (Baku)
- Trudy Geofiz. Inst.* Akademiya Nauk SSSR. Trudy Geofizičeskogo Instituta. (Moscow and Leningrad)
- Trudy Gor'kov. Issled. Fiz.-Tehn. Inst. Radiofiz. Fak. GGU. Uč. Zap.* Ministerstvo Vysshego Obrazovaniya SSSR. Gor'kovskii Gosudarstvennyi Universitet. Trudy Gor'kovskogo Issledovatel'skogo Fiziko-Tehničeskogo Instituta i Radiofizičeskogo Fakul'teta GGU. Učenyje Zapiski. Seriya Fizičeskaya. (Moscow)
- Trudy Gos. Astr. Inst. Šternberg.* Moskovskii Ordena Lenina Gosudarstvennyi Universitet imeni M. V. Lomonosova. Trudy Gosudarstvennogo Astronomičeskogo Instituta imeni P. K. Šternberga. (Moscow. See *Moskov. Gos. Univ. Trudy. Gos. Astron. Inst. im. Šternberg*)
- Trudy Gos. Okeanograf. Inst.* Trudy Gosudarstvennogo Okeanografičeskogo Instituta. (Moscow)
- Trudy Inst. Istor. Estest. Tehn.* Akademiya Nauk SSSR. Trudy Instituta Istorii Estestvoznaniya i Tehniki. (Moscow)
- Trudy Inst. Mašinoved. Sem. Teorii Mašin i Mehanizmov.* Akademiya Nauk SSSR. Trudy Instituta Mašinovedeniya. Seminar po Teorii Mašin i Mehanizmov. (Moscow)
- Trudy Inst. Mašinoved. Sem. Točn. Mašinostro. Priborost.* Akademiya Nauk SSSR. Trudy Instituta Mašinovedeniya. Seminar po Točnosti v Mašinostroenii i Priborostroenii. (Moscow)
- Trudy Inst. Teoret. Astr.* Akademiya Nauk SSSR. Trudy Instituta Teoretičeskoi Astronomii. (Moscow)
- Trudy Kirgizsk. Sel'skhozoyastv. Inst.* Trudy Kirgizskogo Sel'skhozoyastvennogo Instituta. (Frunze)
- Trudy Leningrad. Gidrometeorol. Inst.* Ministerstvo Vysshego Obrazovaniya SSSR. Trudy Leningradskogo Gidrometeorologičeskogo Instituta. (Leningrad)
- Trudy Leningrad. Korablestroitel. Inst.* Ministerstvo Vysshego Obrazovaniya SSSR. Leningradskii Korablestroitel'nyi Institut. Trudy Leningradskogo Korablestroitel'nogo Instituta. (Leningrad)
- Trudy Mat. Inst. Steklov.* Akademiya Nauk Soyuza Sovetskikh Socialističeskikh Respublik. Trudy Matematičeskogo Instituta imeni V. A. Steklova. (Moscow and Leningrad)
- Trudy Morsk. Gidrofiz. Inst.* Akademiya Nauk SSSR. Morskoi Gidrofizičeskii Institut. Trudy. (Moscow)
- Trudy Moskov. Mat. Obšč.* Trudy Moskovskogo Matematičeskogo Obščestva. (Moscow)

- Trudy Sem. Vektor. Tenzor. Anal.* Trudy Seminara po Vektor-nomu i Tenzornomu Analizu s Ih Prilozheniyami k Geometrii, Mehaniki i Fiziki. (Moscow)
- Tul'sh. Gos. Ped. Inst. Uč. Zap. Fiz.-Mat. Nauki.* Tul'skii Gosudarstvennyi Pedagogičeskii Institut. Učenyje Zapiski. Fiziko-Matematičeskie Nauki. (Tula)
- Tul'sh. Meh. Inst. Trudy.* Trudy Tul'skogo Mehaničeskogo Instituta. (Tula)
- Uč. Zap. Borisoglebsk. Gos. Ped. Inst.* Učenyje Zapiski Borisoglebskogo Gosudarstvennogo Pedagogičeskogo Instituta. (Borisoglebsk)
- Uč. Zap. Gor'hov. Gos. Univ.* Ministerstvo Vysshego Obrazovaniya SSSR. Radiofizičeskii Fakul'tet Gor'kovskogo Gosudarstvennogo Universiteta. Gor'kovskii Issledovatel'skii Fiziko-Tekhnicheskii Institut. Učenyje Zapiski Gor'kovskogo Gosudarstvennogo Universiteta. Seriya Fizicheskaya. (Moscow)
- Uč. Zap. Kabardino-Balkarsk. Gos. Ped. Inst.* Učenyje Zapiski Kabardino-Balkarskogo Gosudarstvennogo Pedagogičeskogo Instituta. (Nal'čik)
- Uč. Zap. Tairu. Gos. Univ.* See Tairu Riikl. Ül. Toimetised.
- Ukrain. Mat. Ž.* Akademiya Nauk Ukrainkoï SSR. Institut Matematiki. Ukrainskii Matematicheskii Zhurnal. (Kiev)
- Uman. Ped. Inst. Nauk. Zap.* Ministerstvo Osvity URSR. Uman'skii Pedagogičeskii Institut. Naukovi Zapiski. (Kiev)
- Univ. Beograd. Zb. Elektrotehn. Fak.* Univerzitet u Beogradu. Zbornik Elektrotehničkog Fakulteta. (Belgrade. Title also in French.)
- Univ. Beograd. Zb. Gradjevin. Fak.* Univerzitet u Beogradu. Zbornik Građevinskog Fakulteta. (Belgrade. Title also in English, French and German.)
- Univ. Beograd. Zb. Mašin. Fak.* Univerzitet u Beogradu. Zbornik Mašinskog Fakulteta. (Belgrade)
- Univ. Beogradu. Elektrotehn. Fak. Posebna Izdan.* Univerzitet u Beogradu. Elektrotehnički Fakultet. Posebna Izdan'a. (Belgrade)
- Univ. Beogradu. Godišnjak Filozof. Fak. Novom. Sadu.* Univerzitet u Beogradu. Godišnjak Filozofskog Fakulteta u Novom Sadu. (Novi Sad)
- Univ. Beogradu. Publ. Elektrotehn. Fak. Ser. Mat. Fiz.* Univerzitet u Beogradu. Publikacije Elektrotehničkog Fakulteta. Seriya Matematika i Fizika. (Belgrade)
- Univ. Bergen Arbok.* Naturvit. Række. Universitet i Bergen Arbok. Naturvitenskapelig Række.
- Univ. California Publ. Math.* University of California Publications in Mathematics. (Berkeley and Los Angeles)
- Univ. California Publ. Statist.* University of California Publications in Statistics. (Berkeley and Los Angeles)
- Univ. Central Venezuela. Bol. Fac. Ing.* Universidad Central de Venezuela. Boletín de la Facultad de Ingeniería. (Caracas)
- Univ. e Politec. Torino. Rend. Sem. Mat.* Università e Politecnico di Torino. Rendiconti del Seminario Matematico (già "Conferenze di Fisica e di Matematica").
- Univ. Lisboa. Revista Fac. Ci. A. (2).* Universidade de Lisboa. Revista da Faculdade de Ciências. 2.ª Série. A. Ciências Matemáticas.
- Univ. Madrid. Publ. Sec. Mat. Fac. Ci.* Universidad de Madrid Publicaciones de la Sección de Matematica de la Facultad de Ciencias.
- Univ. Nac. La Plata. Publ. Fac. Ci. Fisicomat. Serie Segunda. Rev. (or Contrib.)* Universidad Nacional de La Plata. Publicaciones de la Facultad de Ciencias Fisicomatemáticas. Serie Segunda. Revista (or Contribuciones).
- Univ. Nac. La Plata. Publ. Fac. Ci. Fisicomat. Serie Tercera. Publ. Esp.* Universidad Nacional de La Plata. Publicaciones de la Facultad de Ciencias Fisicomatemáticas. Serie Tercera. Publicaciones Especiales.
- Univ. Nac. Tucumán. Publ.* Universidad Nacional de Tucumán. Publicación.
- Univ. Nac. Tucumán. Rev. Ser. A.* Universidad Nacional de Tucumán. Facultad de Ciencias Exactas y Tecnología. Revista. Serie A. Matemáticas y Física Teórica. (Title varies.)
- Uspehi Fiz. Nauk.* Akademiya Nauk SSSR. Uspehi Fizicheskikh Nauk. (Moscow-Leningrad)
- Uspehi Mat. Nauk.* Akademiya Nauk SSSR i Moskovskoe Matematicheskoe Obščestvo. Uspehi Matematicheskikh Nauk. (Moscow-Leningrad)
- Uzbek. Gos. Univ. Trudy.* Ališer Navoi nom. Uzbek Davlat Universiteti Asarlari. Trudy Uzbekskogo Gosudarstvennogo Universiteta im. Ališera Navoi. (Samarkand. Title also in Uzbek.)
- Užgorod. Gos. Univ. Dohl. Soobšč. Ser. Fiz.-Mat. Him.* Užgorodskii Gosudarstvennyi Universitet. Doklady i Soobščeniya. Seriya Fiziko-Matematičeskaya i Himičeskaya. (Užgorod)
- Užgorod. Gos. Univ. Naučn. Zap. Him. Fiz. Mat.* Užgorodskii Gosudarstvennyi Universitet. Naučnye Zapiski. Izdatel'stvo L'vovskogo Gosudarstvennogo Universiteta. (L'vov)
- Užgorod. Gos. Univ. Naučn. Zap. Medic. Him.* Ministerstvo Kul'tury SSSR. Užgorodskii Gosudarstvennyi Universitet. Naučnye Zapiski. Medicina, himiya. Izdatel'stvo Kievskogo Gosuniversiteta im. T. G. Ševčenko. (Kiev)
- V.D.I.Z. Zeitschrift des Vereines Deutscher Ingenieure.* (Düsseldorf. Formerly: Z. Verein. Deutsch. Ing.)
- Verh. Naturf. Ges. Basel.* Verhandlungen der Naturforschenden Gesellschaft in Basel.
- Verh. Nederl. Akad. Wetensch. Afd. Natuurk. Sect. I.* Verhandelingen der Koninklijke Nederlandse Akademie van Wetenschappen, Afdeling Natuurkunde. Eerste Sectie. (Amsterdam)
- Verzeherings-Arch.* Het Verzeherings-Archief. (The Hague)
- Vesci Akad. Navuk BSSR. Ser. Fiz.-Tehn. Navuk.* Vesci Akademii Navuk BSSR. Seriya Fizika-Tekhnichnykh Navuk. (Minsk)
- Vestnik Akad. Nauk SSSR.* Vestnik Akademii Nauk SSSR. (Moscow)
- Vestnik Leningrad. Univ.* Vestnik Leningradskogo Universiteta. (Leningrad)
- Vestnik. Moskov. Univ. Ser. Biol. Počvoved. Geol. Geograf.* Vestnik Moskovskogo Universiteta. Seriya Biologii, Počvovedeniya, Geologii, Geografii. (Moscow)
- Vestnik Moskov. Univ. Ser. Fiz.-Mat. Estest. Nauk.* Vestnik Moskovskogo Universiteta. Seriya Fiziko-Matematičeskikh i Estestvennykh Nauk. (Moscow)
- Vestnik Moskov. Univ. Ser. Mat. Meh. Astr. Fiz. Him.* Vestnik Moskovskogo Universiteta. Seriya Matematiki, Mehaniki, Astronomii, Fiziki, Himii. (Moscow)
- Vierteljahr. Naturf. Ges. Zürich.* Vierteljahrsschrift der Naturforschenden Gesellschaft in Zürich.
- Virginia J. Sci.* The Virginia Journal of Science. A Journal issued Quarterly by the Virginia Academy of Science. (Blacksburg, Va.)
- Visnik Akad. Nauk Ukrain. RSR.* Visnik Akademii Nauk Ukrain'koï Radyans'koï Socialističnoï Respubliki. (Kiev)
- Voprosy Ist. Estest. i Tehn.* Akademiya Nauk SSSR. Voprosy Istorii Estestvoznaniya i Tehniki. (Moscow)
- Voprosy Kosmog.* Akademiya Nauk SSSR. Voprosy Kosmogonii. (Moscow)
- Voronež. Gos. Univ. Trudy Sem. Funkcional. Anal.* Ministerstvo Vysshego Obrazovaniya SSSR. Voronežskii Gosudarstvennyi Universitet. Trudy Seminara po Funkcional'nomu Analizu. (Voronež)
- Vyčisl. Mat.* Akademiya Nauk SSSR. Vyčislitel'nyi Centr. Vyčislitel'naya Matematika. (Moscow. Formerly: Vyčisl. Mat. Vyčisl. Tehn.)
- Vyčisl. Mat. Vyčisl. Tehn.* Akademiya Nauk SSSR. Institut Točnoï Mehaniki i Vyčislitel'noi Tehniki. Vyčislitel'naya Matematika i Vyčislitel'naya Tehnika. (Moscow. Continued as Vyčisl. Mat.)
- Wiadom. Mat.* Roczniki Polskiego Towarzystwa Matematycznego. Ser. II. Wiadomości Matematyczne. (Warsaw)
- Wisk. Opgaven.* Wiskundige Opgaven met de Oplossingen. (Groningen)
- Wiss. Ann.* Wissenschaftliche Annalen. (Berlin)
- Wiss. Z. Friedrich-Schiller-Univ. Jena.* Wissenschaftliche Zeitschrift der Friedrich-Schiller-Universität Jena.
- Wiss. Z. Hochsch. Schwermaschinenbau Magdeburg.* Wissenschaftliche Zeitschrift der Hochschule für Schwermaschinenbau. Magdeburg.
- Wiss. Z. Hochsch. Verkehrswes. Dresden.* Wissenschaftliche Zeitschrift der Hochschule für Verkehrswesen. (Dresden)
- Wiss. Z. Hochschule Bauwesen. Cottbus.* Wissenschaftliche Zeitschrift Hochschule für Bauwesen. Cottbus.
- Wiss. Z. Hochschule Elektrotechn. Ilmenau.* Wissenschaftliche Zeitschrift der Hochschule für Elektrotechnik. (Ilmenau)
- Wiss. Z. Humboldt-Univ. Berlin. Math.-Nat. Reihe.* Wissenschaftliche Zeitschrift der Humboldt-Universität Berlin. Mathematisch-Naturwissenschaftliche Reihe.
- Wiss. Z. Karl-Marx-Univ. Leipzig. Math.-Nat. Reihe.* Wissenschaftliche Zeitschrift der Karl-Marx-Universität Leipzig. Mathematisch-Naturwissenschaftliche Reihe.
- Wiss. Z. Martin-Luther-Univ. Halle-Wittenberg. Math.-Nat. Reihe.* Wissenschaftliche Zeitschrift der Martin-Luther-Universität Halle-Wittenberg. Mathematisch-Naturwissenschaftliche Reihe.
- Wiss. Z. Pädagog. Hochsch. Potsdam. Math.-Nat. Reihe.* Wissenschaftliche Zeitschrift der Pädagogischen Hochschule Potsdam. Mathematisch-Naturwissenschaftliche Reihe.

- Wiss. Z. Tech. Hochsch. Dresden.* Wissenschaftliche Zeitschrift der Technischen Hochschule Dresden.
Wiss. Z. Univ. Greifswald. Math.-Nat. Reihe. Wissenschaftliche Zeitschrift der Universität Greifswald. Mathematisch-Naturwissenschaftliche Reihe.
Wiss. Z. Univ. Rostock. Math.-Nat. Reihe. Wissenschaftliche Zeitschrift der Universität Rostock. Mathematisch-Naturwissenschaftliche Reihe.
Yokohama Math. J. Yokohama Mathematical Journal.
Z. Angew. Math. Mech. Zeitschrift für Angewandte Mathematik und Mechanik. Ingenieurwissenschaftliche Forschungsarbeiten. (Berlin)
Z. Angew. Math. Phys. Zeitschrift für Angewandte Mathematik und Physik. ZAMP. Journal of Applied Mathematics and Physics. Journal de Mathématiques et de Physique Appliquées. (Basel)
Z. Astrophys. Zeitschrift für Astrophysik. (Berlin-Göttingen-Heidelberg)
Ž. Čist. Prikl. Mat. Akademiya Rumynskoi Narodnoi Respubliki. Zurnal Čisto i Prikladnoi Matematiki. (Bucharest)
Ž. Eksper. Teoret. Fiz. Akademiya Nauk SSSR. Žurnal Eksperimentalnoi i Teoreticheskoi Fiziki. (Moscow)
Z. Flugwiss. Zeitschrift für Flugwissenschaften. (Braunschweig)
Z. Geophys. Zeitschrift für Geophysik. (Würzburg)
Z. Math. Logik Grundlagen Math. Zeitschrift für Mathematische Logik und Grundlagen der Mathematik. (Berlin)
Z. Meteorol. Zeitschrift für Meteorologie. (Berlin)
Z. Nationalökonomie. Zeitschrift für Nationalökonomie. (Vienna)
Z. Naturf. Zeitschrift für Naturforschung. (Tübingen)
Z. Österreich. Ing. Architekt.-Verein. Zeitschrift des Österreichischen Ingenieur- und Architekten-Vereines. (Vienna)
Z. Physik. Zeitschrift für Physik. (Berlin-Göttingen-Heidelberg)
Ž. Tehn. Fis. Akademiya Nauk SSSR. Žurnal Tehničeskoi Fiziki. (Moscow-Leningrad)
Z. Verein. Deutsch. Ing. See V.D.I.Z.
Z. Vermessungswesen. Zeitschrift für Vermessungswesen. (Stuttgart)
Zap. Mat. Old. Fiz.-Mat. Fak. i Har'kov. Mat. Obšč. See Har'kov. Gos. Univ. Uč. Zap.
Zaporiz. Derž. Ped. Inst. Nauk. Zap. Fiz.-Mat. Ser. Ministerstvo Osviti URSR. Zaporiz'kii Deržavnyi Pedagogičnyi Institut. Naukovi Zapiski. Fiziko-Matematična Seriya. (Kiev)
Zastos. Mat. Polska Akademia Nauk. Instytut Matematyczny. Zastosowania Matematyki. (Warsaw. Formerly: Instytut Matematyczny Polskiej Akademii Nauk. Zastosowania Matematyki)
Zbl. Math. Zentralblatt für Mathematik und ihre Grenzgebiete. (Berlin-Göttingen-Heidelberg)
Zeszyty Nauk. Uniwersytetu im. A. Mickiewicza. Mat.-Chem. Zeszyty Naukowe Uniwersytetu im. A. Mickiewicza. Matematyka-Chemia. (Poznań)

ERRATA AND ADDENDA

VOLUME 14

P. 635: Džvaršelišvili

See erratum below for Izumi, MR 19, 853.

VOLUME 16

P. 160: Homma.

The last sentence, in parentheses, is to be deleted.

P. 573: Frohlich (first review).

In the first line of the review read l' for l in the first occurrence of l .

VOLUME 17

P. 453: Eilenberg and Nakayama.

The reference at the beginning of the review should read: [For part I see same J. 8 (1955), 49-57; MR 16, 993.]

P. 1045: Hiraguti.

In line 3 for "1045" read "937", where the author's name occurs under the spelling Hiraguchi".

P. 1066: Haupt, Aumann and Pauc.

In line 18 of the review read "Burkill" for "Birkhill".

VOLUME 18

P. 7: Nobusawa.

The reviewer wishes to make the following remark. "The reviewer's comments on the second part of the paper are due to a misinterpretation of the author's terminology: when he says that a group G is 'an automorphism group of D/ϕ ' he does not only mean (as is usually understood) that all the elements of ϕ are invariant under G , but that ϕ coincides with the whole set of invariant elements under G . With this definition, the author's theorems 3 to 6 are correct, and generalize known results for finite extensions."

P. 12: Rédei.

In line 10 of the review read p for j .

P. 13: Žmud'.

In the second column replace "non-abelian" by "abelian" in l. 6, "subgroups of \mathfrak{S} of \mathfrak{M} " by "subgroups \mathfrak{S} of \mathfrak{M} " in l. 22, and $(\mathfrak{M}:\mathfrak{S}_T)^k$ by $(\mathfrak{S}_T:1)^k$ in l. 23. The formula in l. 26 should read:

$$\rho_k(\mathfrak{G}) = (\mathfrak{G}:\mathfrak{M})^k \prod_{\mathfrak{M}} (N^k - 1) \prod_{0 \leq r < k} (p^{kr} - p^{r\theta}).$$

P. 15: Rédei.

In line 10 of the review read " p_i th" for " p_i the". In line 16 read $-z$ as the power instead of -2 .

P. 299: Eichler (second review).

In line 4 of the review read "in" for "is".

P. 441: Horváth.

The author and the reviewer agree that the sentence on line 6 of p. 442 "The author's conclusions seem to be based on a misconception" should be replaced by "The author's criticism concerning the use of conservation laws in the above papers seems to be unjustified".

P. 733: Meyer-König and Zeller.

The equation in the third line of the first column of p. 734 should read $a_{mi}^* = a_{mk_i} + \dots + a_{mk_{i+1}}$.

P. 803: Ul'yanov.

Before the word "then" at the end of l. 7 the additional hypothesis should be inserted: "and if the modulus of continuity of f satisfies $\omega(\delta, f) = O(1/[\ln(1/\delta)\phi(1/\delta)])$."

P. 921: Freudenthal.

The last sentence of the first paragraph is to be replaced by "In the known examples the straight lines are spheres of the dimensions 1, 2, 3, 8; it is an unsolved problem whether these examples are exhaustive".

P. 946: Ehrenfeld.

The equation in the fourth line of the review should read $E(Y(X_\alpha)) = \theta_1 \cdot X_\alpha + \dots + \theta_k \cdot X_\alpha$.

P. 968: Akhiezer and Polovin.

The following letter has been received from the reviewer.

The authors have called the reviewer's attention to the fact that the important relation, $\mathbf{i} \cdot \mathbf{H} = \mathbf{i} \cdot \mathbf{H}_0$, which is not given in the text, follows directly from Eq. (7). This eliminates the doubt raised by the reviewer concerning the validity of Eq. (12). Equation (13) has been verified to have the following form, as given in the original text,

$$\left((\mathbf{i} \cdot \mathbf{v} - V) \mathbf{i} \cdot \mathbf{p}' + (\mathbf{i} \times \mathbf{v}) \cdot (\mathbf{i} \times \mathbf{p}') - e\beta \frac{\mathbf{i} \cdot (\mathbf{v} \times \mathbf{H}_0)}{V - \mathbf{i} \cdot \mathbf{v}} \right)' = \frac{4\pi e^2 n_0}{V - \mathbf{i} \cdot \mathbf{v}} \mathbf{i} \cdot \mathbf{v}.$$

The reviewer regrets his oversight of this point.

The following misprints have been noted, the first three of which appear in the original text: (a) in the last of Eqs. (14) write $u_y d\rho_y/d\tau$ instead of $u_y d\rho_x/d\tau$; (b) in the second of Eqs. (15) write $\beta^2/(\beta^2 - 1)$ instead of $\rho^2/(\beta^2 - 1)$; (c) in the major unnumbered equation at the end of Sec. 3 it appears that the member $\sin k_1 a \sin k_2 a$ should be $\sin k_1 a_1 \sin k_2 a_2$; (d) the second of Eqs. (18) should be $\mathbf{p} \cdot \mathbf{H} = \text{const.}$, instead of $\mathbf{p} \times \mathbf{H} = \text{const.}$; (e) the integrand in the integral of Eq. (22') should be

$$(\beta \cosh \lambda - \sinh \lambda) / (\cosh \lambda_0 - \cosh \lambda)^{1/2};$$

(f) in Eq. (32) add the relation $M^2 = \omega_1^2 \rho_0^4 (1 + \rho_0^2)^{-1}$. With respect to item (d), the original text invites misinterpretation at this point by failing to make it clear that the integral M is of vectorial origin as expressed by the relation

$$M = (\beta^2 - 1) \mathbf{i} \cdot (\mathbf{p} \times d\mathbf{p}/d\tau) = -(\beta^2 - 1) \mathbf{p} \cdot (\mathbf{i} \times d\mathbf{p}/d\tau).$$

P. 118.

In the note concerning the erratum on p. 1066 of vol. 17 read "Burkill" for "Burkhill".

VOLUME 19

P. 67: Karpov and Razumovskii.

The reference in line 10 from the end of the review should read: [Tables of the integral exponential function, Izdat. Akad. Nauk SSSR, Moscow, 1954.]

P. 90: Kusukawa.

In line 11 read "Yoshihara" for "Yoshira".

P. 121: Lehmer.

In lines 4 and 8 from the bottom of the first column replace $o(t^{-2})$ by $O(t^{-2})$.

P. 381: Faith.

The following letter, part of which was written at the suggestion of the author, has been received from the reviewer.

The first part of the fourth sentence in this review is incorrect and should be replaced by the following: "The author leaves unanswered the problem whether completely basic elements exist for all extensions $\mathfrak{N}/\mathfrak{F}$; but he shows that they do exist whenever....". The fault is entirely the reviewer's, the position is made perfectly clear in the paper under review but the reviewer's memory was at fault.

The author has explained that no aspersions are cast on Deuring's proof of the finite basis theorem, as was stated in the review. The imputation that it does not cover all cases was a clerical error in the rewriting of the manuscript.

The author would like to note the following two corrections which might impair the readability of the paper. (1). The element u in the statement (IV) of Lemma 3.4 (p. 422) should be

$$u = u^* + (1 - \delta_1)\xi.$$

(2). The last part of the first statement of Lemma 3.1 (p. 421) should read "and let u be a normal basis element defined by".

P. 392: Yüh.

In the formula 1) the symbol $2\{n$ under the summation sign should be deleted.

P. 408: Domar.

The article under review appeared in Ark. Mat. 3 (1958), not 1957.

P. 472: Wolfowitz.

The author states that the assertion made in the review to the effect that the reviewer's theorem in Ann. Math. Statist. 27 (1956), 200-203 [MR 17, 869] implies the theorem of the paper under review is without basis in fact.

P. 554: Nitsche.

In line 11 of the review read $p - iq$ for $p + iq$. The equation in the last line of the second column should read

$$u_y = [-G(x, y; u, v)v_x + F(x, y; u, v)v_y](EG - F^2)^{-1/2}.$$

In the last line of the review the left side of the equation should read $\Delta\varphi$.

P. 617: Rosenblatt.

In line 8, in the parenthesis, read G for H . In line 10, read "attainable from" for "connected to".

P. 638: Watanabe.

At the end of the second sentence from the end insert the words "and its reverse holds if $h'h'' < 0$ ".

P. 658: Fichera.

In line 13 from the bottom of the first column of the review read "trovare una funzione u in \bar{A} " for "trovare una funzione u in A ".

P. 745: Conti.

In line 7 and line 10 of the review "uniform asymptotic stability" should be replaced by "uniform stability". In line 14 "uniform-asymptotically stable" should be replaced by "uniformly stable".

P. 829: Kozlova.

For "4", as number of the corollary in the sixth line from the end of the review, read "3".

P. 853: Izumi.

In the review of this article in RŽMat 1958 # 3643 the reviewer, A. G. Džvarševili, states that the claim of the author, S. Izumi, to have found a counter-example of the theorem of Džvarševili in Soobšč. Akad. Nauk Gruzin. SSR 11 (1950), 403-407 [MR 14, 635] is based upon a misformulation in the latter review, which can apparently be rectified by defining $\omega(f, \delta)$ as the oscillation of f over the closure of δ . Izumi's Theorem 2 seems to be Džvatševili's Theorem 1.

P. 854: Shapiro.

The last phrase of the sentence at the beginning of the second column should read: "while Theorem 2 is false for $n=1$ ".

P. 871: Stanojević.

The reviewer wishes to add the following comment to his review: Ayant lu seulement le texte serbo-croate de cet article, sans lire son résumé en anglais, j'ai eu l'impression que l'auteur présentait comme quelque chose de nouveau l'adjonction, par construction effective, de l'élément 1 à un anneau non-unitaire. Dans une lettre, l'auteur me fait remarquer que, à l'endroit correspondant de son résumé anglais, il renvoie au livre bien connu de L. H. Loomis [An introduction to abstract harmonic analysis, D. Van Nostrand Co., Toronto-New York-London, 1953; MR 14, 883].

P. 891: Theodorescu.

In the first line insert "transition" before "probabilities".

P. 938: Rieger.

In the last complete line read "Ch. XI" for "Ch. IX".

P. 940: Ribenboim.

The first two lines of the sentence beginning at the end of line 4 of the review should read: "si à tout couple $x, y \in P$, on peut associer $x', x'' \in P$ tels que $x = x' + x''$, $\bar{x} \leq \bar{y}$ et $\inf(\bar{x}'', \bar{y}) = \bar{0}$ ".

P. 946: Četković.

The result of this article was given by M. K. Fort in Amer. Math. Monthly 58 (1951), 408-410, not reviewed in MR.

P. 954: Rot.

The last two sentences should be combined to read: "Integrals of these four functions are included in the account, which also has a useful bibliography."

P. 979: Segre (first review).

In line 19 of the review, replace " $r-i$ cycles" by " $(c-i)$ -cycles".

P. 1040: Stöhr.

The formula in the last line of the review should read

$$b(n, ns_0) = (1 + ns_0)^{-1} \binom{n + ns_0}{n}.$$

P. 1137: Bludman.

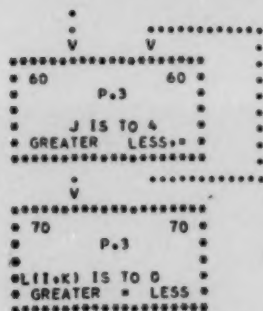
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| Ч | ch | ch | ch | ch | ch | ch | ch | ch |
| Ш | sh | sh | sh | sh | sh | sh | sh | sh |
| Щ | sch | sch | shch | shch | shch | shch | sch | sch |
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| Э | ë | ë | e | é | é | é | è | e |
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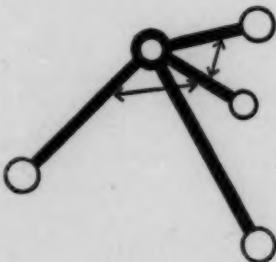
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